

METEOROLOGICAL OFFICE.

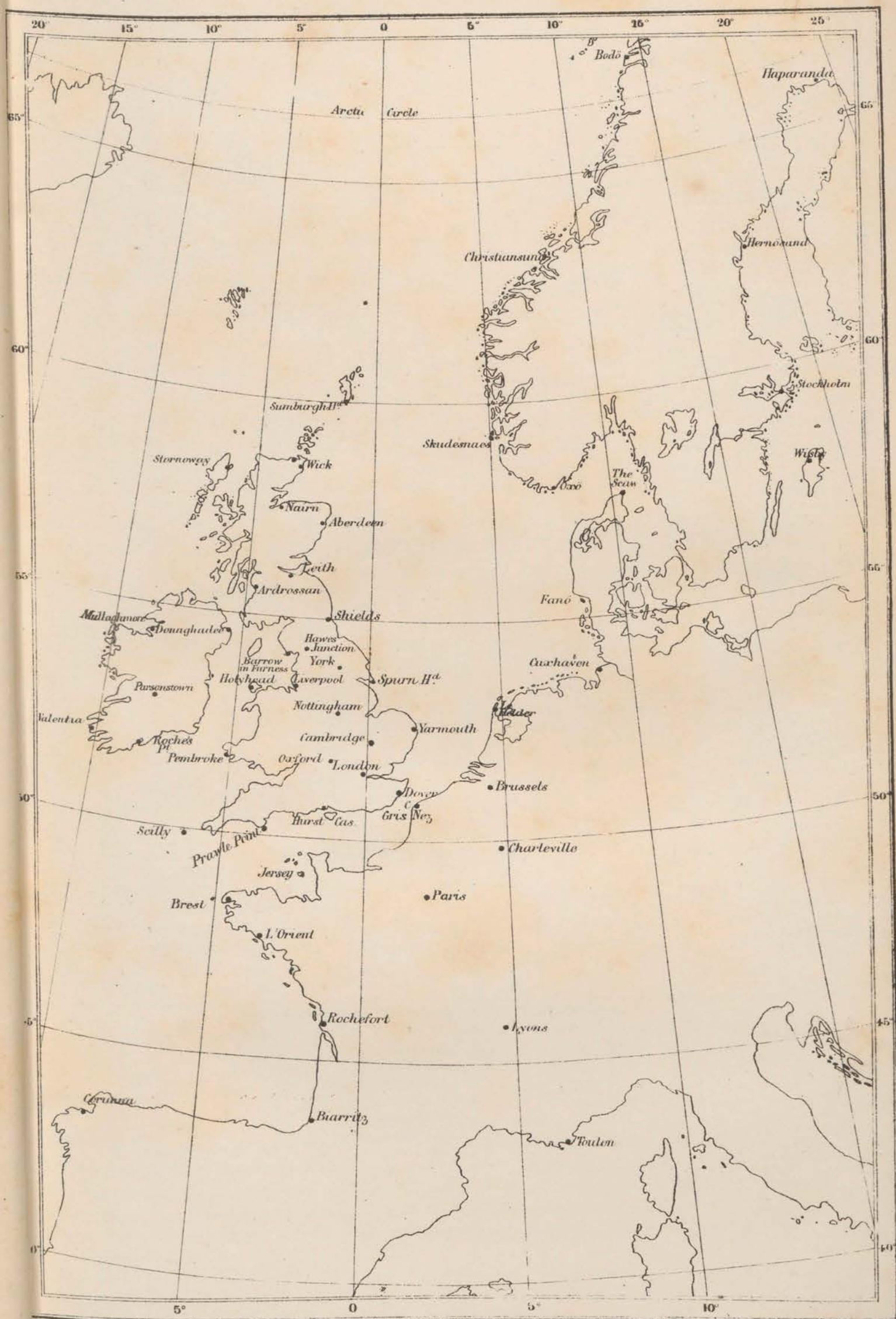
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DAILY WEATHER REPORTS.

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1<sup>ST</sup> JANUARY — 30<sup>TH</sup> JUNE,  
1880.





MAP SHOWING ALL THE STATIONS REPORTING BY TELEGRAPH  
DAILY TO THE METEOROLOGICAL OFFICE, FROM JAN. 1<sup>ST</sup> TO JUNE 30<sup>TH</sup> 1880.



# DAILY WEATHER REPORT

JAN 15

1880.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	Barometer. Reading at 32° F. and Sea Level.	SHADE TEMP.		WIND.	Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.					
			Dir.	Force. (0 to 12).			Dry.	Wet.				Max.	Min.						
Haparanda	29.24	5	N	2	b	29.29	+ .31	-6	-8	-28	N	2	6	*	23	-8	-		
Hernösand	29.29	17	Z	0	b	29.46	+ .26	7	7	-15	Z	0	6	*	25	?	-		
Stockholm	29.54	21	SW	2	o	29.68	+ .34	22	21	-5	WSW	2	0	*	36	18	-		
Wisby	29.80	35	NW	4	o	29.61	+ .27	35	35	0	SW	4	0	*	37	32	0.08		
Bodö	29.16	35	W	4	s	29.26	+ .22	17	16	-18	E	2	6	1	26	25	-		
Christiansund	29.22	36	SSW	3	o	29.35	+ .16	36	34	+5	SSW	4	0	4	36	25	-		
Skudesnaes	29.39	39	SSE	4	o	29.43	+ .17	40	37	+1	SE	6	+	5	?	39	-		
Oxö (Kriensund)	29.48	32	NNE	1	o	29.56	+ .27	32	31	-1	NNE	2	0	2	34	25	-		
Skagen (The Skaw)	29.49	34	Z	0	b	29.61	+ .33	35	34	-1	Z	0	0	0	37	25	-		
Fanö	29.32	33	S	2	o	29.56	+ .18	34	34	-4	SSE	4	+	3	39	32	0.08		
Cuxhaven	29.65	26	SSW	2	+	29.64	+ .18	41	41	+2	SW	1	+	2	?	34	0.05		
Samburgh Head	29.22	40	WSW	2	b	29.28	+ .17	45	44	+6	WSW	4	0	4	45	35	0.01		
Stornoway	29.10	44	Z	0	f	29.06	- .09	51	51	+14	WSW	6	+	5	51	36	0.22		
Wick	29.17	39	S	3	o	29.18	- .06	45	45	+10	S	3	0	1	45	33	0.03		
Nairn	29.21	38	Z	0	b	29.22	- .05	48	46	+16	WSW	2	0	1	48	32	-		
Aberdeen	29.24	37	SW	1	b	29.31	- .03	45	43	+10	SW	2	6	1	45	35	0.01		
Leith	29.32	37	Z	0	b	29.48	+ .14	54	54	+17	W	6	+	*	55	36	0.15		
Shields	29.36	42	WNW	2	o	29.55	+ .08	52	52	+16	WSW	2	+	2	55	36	0.10		
Spurn Head	29.47	48	SW	5	b	29.65	+ .09	48	47	+10	SW	5	0	5	50	36	0.13		
York	29.44	51	W	4	b	29.67	+ .15	54	53	+18	WSW	4	0	*	56	36	0.12		
Nottingham	29.60	51	SW	2	+	29.77	+ .18	54	52	+12	SW	5	0	*	54	42	0.46		
Ardrossan	29.33	49	WSW	2	o	29.48	+ .19	50	50	+13	SW	5	+	4	50	36	0.68		
Mullaghmore	29.36	51	SW	5	+	29.47	+ .21	53	52	+3	SW	7	0.99	6	53	49	0.56		
Donaghadee	29.42	50	W	3	o	29.55	+ .22	53	53	+6	SW	5	+	3	54	46	0.14		
Parsonstown	29.26	33	W	8	o	29.71		54	51		SW	8	0	3	54	37	0.32		
Holyhead	29.55	50	SW	4	m	29.72	+ .23	51	50	+3	SW	4	m	4	52	48	0.18		
Liverpool (Bidston)	29.51	52	WSW	7	c	29.69	+ .20	54	51	+7	SW	4	0	2	55	?	0.35		
Valentia	29.66	50	SW	6	og	29.75		53	52		SW	5	omg	7	56	?	0.05		
Roche's Point	29.69	53	W	6	e	29.83	+ .19	52	51	0	WSW	7	+	5	57	50	0.41		
Pembroke																			
Scilly	29.96	52	WSW	9	om	30.07	+ .07	52	52	+1	WSW	8	om	7	53	51	0.02		
Prawle Point	29.90	49	SW	6	+	30.03	+ .12	49	49	0	WSW	6	+	6	50	?	0.19		
Hurst Castle	29.82	46	W	7	o	30.20	+ .15	46	45	+1	WSW	6	om	4	47	45	0.11		
Dover	29.71	48	WSW	7	o	29.96	+ .08	46	45	+5	WSW	5	0	4	49	40	0.28		
London	29.72	52	WSW	5	gpd	29.92	+ .13	52	51	+5	WSW	5	og	*	57	46	0.22		
Oxford	29.68	50	W	7	o	29.90	+ .14	52	50	+7	W	6	0	*	52	44	0.19		
Cambridge	29.63	52	SW	4	o	29.83	+ .12	52	50	+11	WSW	4	0	*	53	39	0.07		
Yarmouth	29.24	50	W	7	fgg	29.78	+ .07	52	50	+15	W	4	b	3	53	35	0.18		
The Helder	*	*	*	*	*	29.69	- .04	44	43	+6	WSW	4	0	*	*	*	*		
Cape Gris Nez	29.76	46	SW	11	+	29.99	+ .06	46	46	+5	? WSW	8	+	6	45	39	0.24		
Jersey	30.03	48	WSW	8	om	30.16	+ .08	49	49	+2	W	7	cmp	5	50	47	0.06		
Brest																			
Lorient	30.20	49	WSW	7	m	30.28	+ .06	49	48	+1	W	7	m	5	50	46	-		
Rochefort	30.37	47	WSW	8	o	30.40	+ .03	46	46	+3	W	7	0	2	50	?	-		
Biarritz	30.48	50	W	4	b	30.55	+ .08	43	40	-4	SSW	4	6	6	54	39	-		
Corunna	*	*	*	*	*										*	*	*		
Brussels	*	*	*	*	*	29.94	- .04	48	47	+12	WSW	7	0	*	48	?	0.71		
Charleville	?	40	S	4	+	?	?	40	?	+7	SW	1	+	*	42	?	0.87		
Paris	30.03	47	?	5	b	30.16	- .01	49	49	+9	WSW	4	0	*	*	*	0.04		
Lyons															*	*	*		
Toulon															*	*	*		

## YESTERDAY'S 2 PM REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes ...	29.36	39	35	S	3	o	3	Valentia ...	29.66	?	53	WSW	4	mg	7
Sumburgh Head	29.19	36	35	NW	3	+	3	Scilly ...	29.94	53	51	WSW	9	o	7
Stornoway ...	29.11	41	40	SE	3	m	3	Dover ...	29.70	45	44	WSW	6	om	4
Aberdeen ...	29.23	39	35	SW	2	o	2	London ...	29.66	51	50	SW	6	g	+
Shields ...	29.29	44	44	SW	1	o	2	Yarmouth ...	29.53	47	46	WSW	5	fgg	3
Ardrossan ...	29.28	37	36	NW	3	o	2	Jersey ...	30.01	50	48	WSW	8	om	6
Mullaghmore ...	29.37	50	50	SW	3	+	5	Rochefort ...	30.35	49	48	WSW	7	+	2
Holyhead ...	29.48	50	49	SW	5	+	5								

Pressure continues to decrease in the NE and E., but in the W. the fall seems to have ceased. W. gales prevail over the Channel and S. of England, but in the N. the winds are light.

KINGSTOWN 29.49 55 W 7 b 29.69 + 26 57 53 + 5 WSW 5 0 4 57 50 0.23

## EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (thin); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

\* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

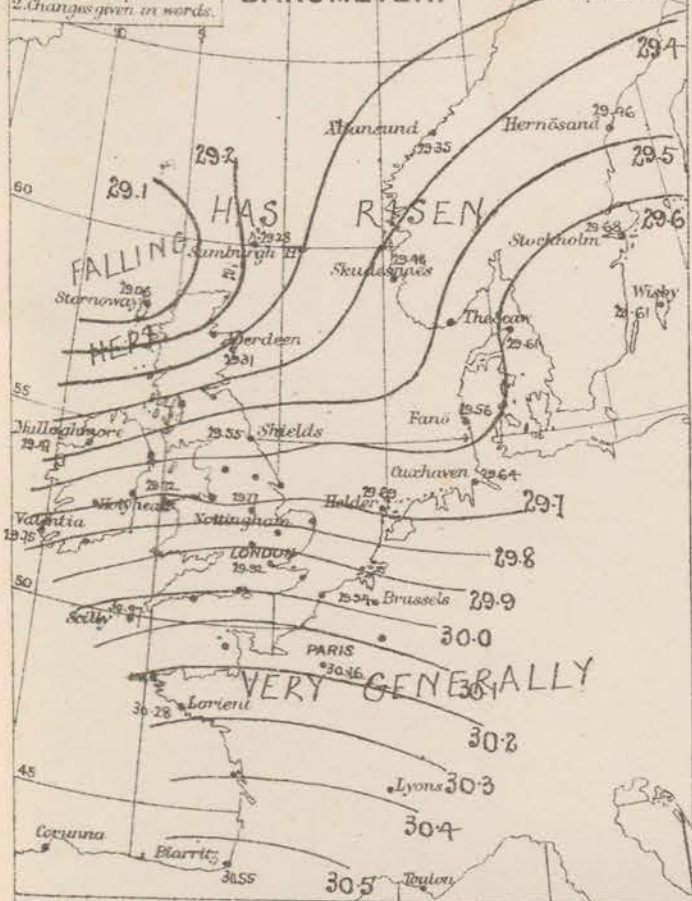
N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.



# WEATHER CHARTS for 8 a.m. on Thursday 1<sup>st</sup> JANUARY 1880.

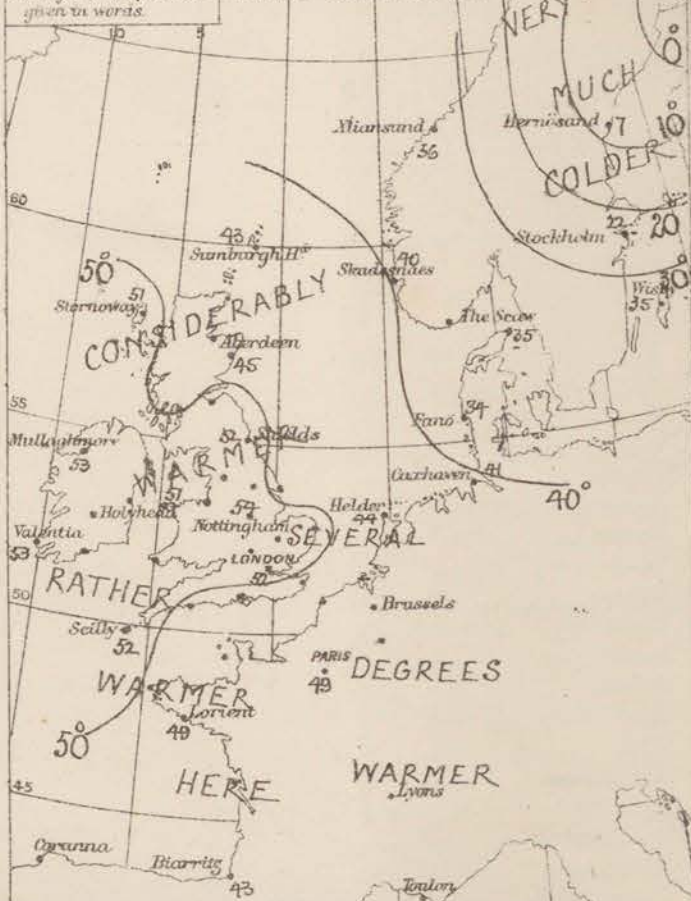
1. Isobars lines drawn as necessary.  
2. Changes given in words.

## BAROMETER.



1. Isotherms shown by fine lines.  
2. Changes of temperature given in words.

## TEMPERATURE.



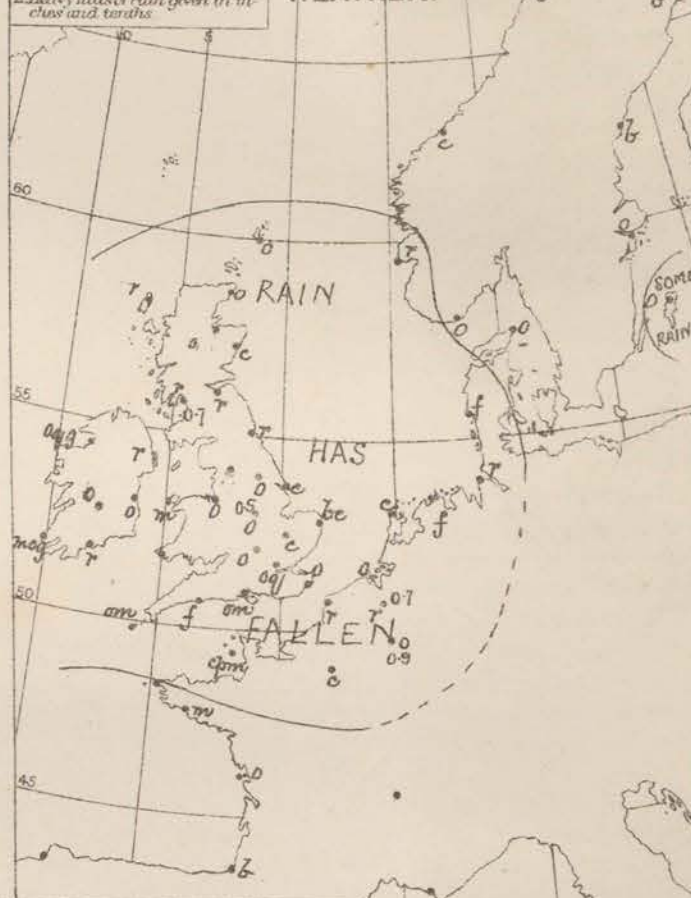
Arrows fly with the wind.  
Force 0-1 - a Force 8 to 10 -  
4 - 5 - 6 - 7 - 8 - 9 - 10 -  
Dark curved arrow shows apparent general motion of air.  
Sea disturbance: rough in shading, high in shading.

## WIND & SEA.



1. Prevalence of cloud, fog, rain, &c. given in letters (beams & notation).  
2. Heavy falls of rain given in inches and tenths.

## WEATHER.



A dotted line has been drawn where the signals are weak.

**REMARKS.** During the past night the barometer has risen at all but our extreme N<sup>o</sup> stations, where the centre of a depression is found this morning, moving in a NE<sup>3</sup> direction. Readings only forced 30.4 in. in the SW. of France to 29.6 in. at Stornoway, and the gradients for N<sup>o</sup> to SW winds are consequently still rather steep. Strong equally-berges from NW prevail in most parts of the Kingdom, accompanied by dull cloud weather generally, and rain in several places. In the W. of Ireland the wind is more S<sup>o</sup>, and blows a gale both at Valentia and Mullaghmore.

Notwithstanding the present increase of pressure on all our coasts, and the backing of the wind the general condition of the weather is very unsettled, and temperature very high. The appearance of any new depression off our W<sup>o</sup> coasts (which is highly probable), would be sufficient to bring about a renewal of the SW gales in nearly all parts of the Kingdom. As is high off our SW coasts, moderate at Holyhead, rough in the Straits of Dover.

Warning signals (S. Gales) are still up in the S. and W., but not in the NE, E. and SE.

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Delivery by hand 10/ per quarter book post 5/.

Meteorological Office.  
116, Victoria Street, Westminster, S.W.

R. H. SCOTT.  
Secretary.



# DAILY WEATHER REPORT JANUARY 2<sup>nd</sup> 1880.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 35° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Dirac.	Force. (0 to 12).		Reading at 35° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dirac.	Force. (0 to 12).			Max.	Min.			
Haparanda ...	29.53	6	W	0	0	29.51	+ 12	26	26	+ 32	SE	4	0	*	27	- 8	-		
Hernösand ...	29.62	6	W	0	0	29.32	+ 14	32	31	+ 25	S	8	0	*	?	?	0.08		
Stockholm ...	29.81	30	SW	2	0	29.63	- 05	33	33	+ 11	SW	4	0	*	36	14	0.04		
Wisby ...														*					
Bodö ...	29.25	26	E	2	0	28.81	- 45	29	28	+ 12	NE	4	0	3	34	25	-		
Christiansund...	29.11	41	SSE	4	0	28.89	- 46	39	37	+ 3	W	9	0	6	41	28	0.79		
Skudesnaes ...	29.37	43	S	8	+	29.16	- 27	46	44	+ 6	WSW	6	0	5	?	39	-		
Oxö (Christiansund)...	29.32	37	NNE	2	f	29.45	- 11	42	42	+ 10	SW	6	0	4	?	32	0.20		
Skagen (The Skaw)	29.61	37	SSE	5	0	29.35	- 06	44	43	+ 9	WSW	7	0	53	45	30	0.16		
Fanö ...	29.73	42	W	4	0	29.78	+ 12	43	42	+ 9	WSW	4	0	*	43	34	0.04		
Cuxhaven ...	29.80	42	W	4	0	29.68	+ 34	43	43	+ 2	WSW	5	0	3	43	39	0.04		
Sumburgh Head	29.07	44	WSW	5	2	29.09	- 19	42	26	- 3	W	8	0	7	51	38	0.30		
Stornoway ...	29.06	48	S	14	+	29.23	+ 17	37	36	- 14	WSW	8	0	6	53	35	0.32		
Wick ...	29.13	48	WSW	5	0	29.26	+ 08	37	35	- 8	WSW	6	0	3	52	34	0.08		
Nairn ...	29.17	50	WSW	4	0	29.39	+ 17	37	35	- 11	W	1	0	2	55	30	0.13		
Aberdeen ...	29.32	54	SSW	6	0	29.48	+ 17	40	35	- 5	SW	5	0	3	56	40	-		
Leith ...	29.42	55	SW	6	0	29.61	+ 13	41	38	- 13	SW	6	0	*	57	39	0.11		
Shields ...	29.61	54	WSW	6	0	29.70	+ 18	44	42	- 8	W	6	0	2	58	44	0.01		
Spurn Head ...	29.78	49	SSW	5	0	29.84	+ 19	45	44	- 3	SW	5	0	5	53	44	0.07		
York ...	29.74	54	W	6	0	29.88	+ 21	43	44	- 11	W	6	0	*	55	42	0.09		
Nottingham ...	29.88	53	S	6	0	29.98	+ 21	47	45	- 7	SSW	3	0	*	56	47	0.03		
Ardrossan ...	29.47	51	SSW	6	0	29.68	+ 20	42	39	- 8	SW	6	0	5	51	46	0.23		
Mullaghmore ...	29.39	54	SW	7	+	29.74	+ 27	42	41	- 10	WSW	7	0	6	56	37	0.29		
Donaghadee ...	29.55	53	W	6	0	29.79	+ 24	39	37	- 14	WSW	4	0	3	58	38	0.08		
Parsonstown ...	29.49	54	SSW	9	0	29.97	+ 26	39	37	- 15	SSW	3	0	3	57	?	0.08		
Holyhead ...	29.76	54	SW	7	0	29.94	+ 22	44	40	- 7	W	4	0	4	52	44	0.29		
Liverpool (Bidston)	29.92	53	SW	6	0	29.91	+ 22	44	40	- 10	W	6	0	4	56	44	0.08		
Valentia ...	29.65	53	SSW	8	0	30.07	+ 32	45	41	- 8	WSW	7	0	6	55	44	0.19		
Roche's Point...	29.85	50	SW	7	+	30.08	+ 25	42	40	- 10	W	2	0	4	54	41	0.76		
Pembroke ...	29.92	50	SSW	7	0	30.05	+ 17	47	44	- 11	WSW	6	0	5	51	45	0.16		
Scilly ...	30.11	51	SW	8	0	30.19	+ 12	50	49	- 2	W	6	0	7	54	45	0.19		
Prawle Point ...	30.12	49	SW	6	0	30.14	+ 11	47	47	- 2	W	4	0	5	50	45	0.05		
Hurst Castle ...	30.11	46	WSW	6	0	30.12	+ 12	46	46	0	WSW	6	0	5	47	46	0.04		
Dover ...	30.11	46	W	4	0	30.13	+ 17	45	44	- 1	WSW	7	0	5	49	43	0.06		
London ...	30.04	52	WSW	5	0	30.05	+ 13	49	49	- 1	SW	6	0	*	56	49	0.01		
Oxford ...	30.01	51	W	3	0	30.04	+ 14	48	47	- 1	SW	1	0	*	53	48	0.01		
Cambridge ...	29.98	53	W	2	0	29.98	+ 15	51	49	- 1	SW	3	0	*	59	48	0.01		
Yarmouth ...	29.92	52	WSW	4	0	29.97	+ 19	49	48	- 3	SW	4	0	3	54	48	-		
The Helder ...	*	*	*	*	*	30.00	+ 31	42	42	- 2	SW	4	0	*	*	*	*		
Cape Gris Nez	30.09	45	WSW	8	f	30.16	+ 17	43	43	- 3	SW	9	0	6	48	41	-		
Jersey ...	30.27	47	W	3	0	30.27	+ 11	49	48	0	SW	5	0	4	49	45	0.01		
Brest ...	30.32	50	W	5	0	30.26	- 01	50	49	0	W	7	0	7	50	48	-		
Lorient ...	30.34	48	W	5	0	30.35	+ 07	48	47	- 1	WSW	5	0	4	50	46	-		
Rochefort ...	30.40	46	W	4	0	30.49	+ 09	46	45	0	W	5	0	2	50	?	0.04		
Biarritz ...	30.55	45	S	1	0	30.52	- 03	39	37	- 4	S	1	0	6	34	36	-		
Corunna ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Brussels ...	*	*	*	*	*	30.22	+ 28	46	44	- 1	SW	7	0	*	50	46	-		
Charleville ...	?	44	SW	1	0	?	?	40	?	- 05	SW	4	0	*	46	?	0.08		
Paris ...	30.33	49	?	1	0	30.38	+ 22	46	45	- 13	SSE	3	0	*	*	*	-		
Lyons ...														*					
Toulon ...														*					

## YESTERDAY'S 045RM REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.
Skudesnaes	29.40	41	39	SE	6	5	Valentia	29.73	55	54	SSW	6	09
Sumburgh Head	29.07	46	46	S	6	5	Scilly	30.11	54	53	WSW	8	0
Stornoway	29.07	53	52	WSW	7	6	Dover	30.00	47	46	WSW	5	0
Aberdeen	29.30	50	48	SW	2	1	London	29.98	54	52	WSW	5	0
Shields	29.57	55	54	WSW	5	2	Yarmouth	29.94	54	52	W	4	0
Ardrossan	29.50	50	49	SW	5	4	Jersey	30.25	49	49	W	6	0
Mullaghmore	29.47	55	53	SW	9	6	Rocheport	30.49	47	46	W	7	0
Holyhead	29.76	51	50	SW	6	5							

The barometer has begun to fall again at Valentia, and the wind there has shifted to SSW, with a gloomy appearance. An early renewal of gales from the SSW is likely on our W and S coast, where the S. cone is still flying.

KINGSTOWN

29.71 | 57 | SW | 4 | 0 | 29.91 | +22 | 43 | 39 | -14 | W | 5 | 55 | 4 | 58 | 42 | 0.05

## EXPLANATION OF COLUMNS.

**WEATHER.**—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty; o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

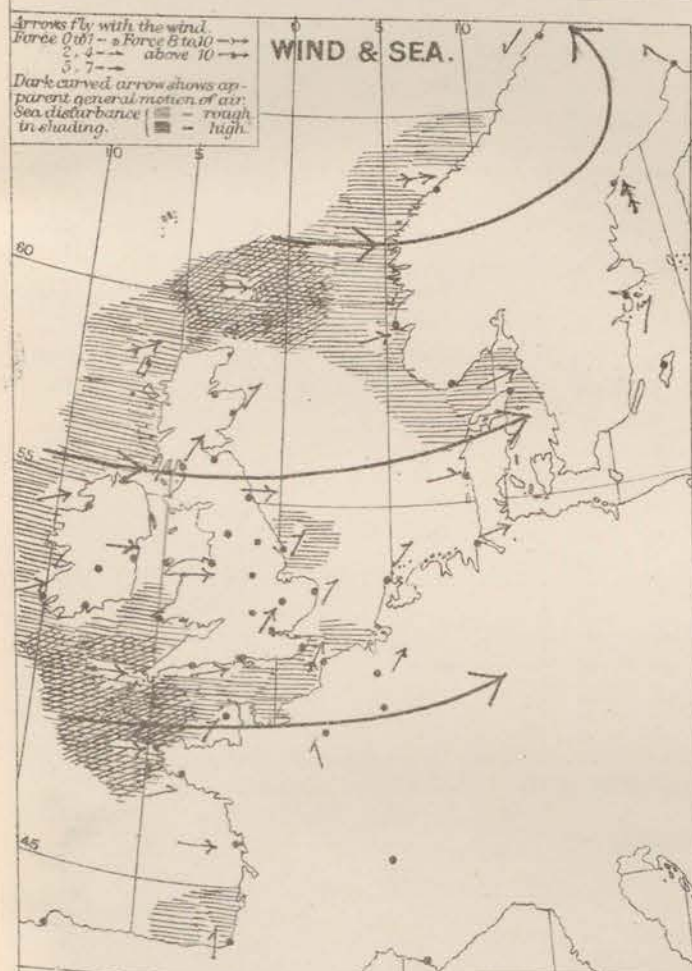
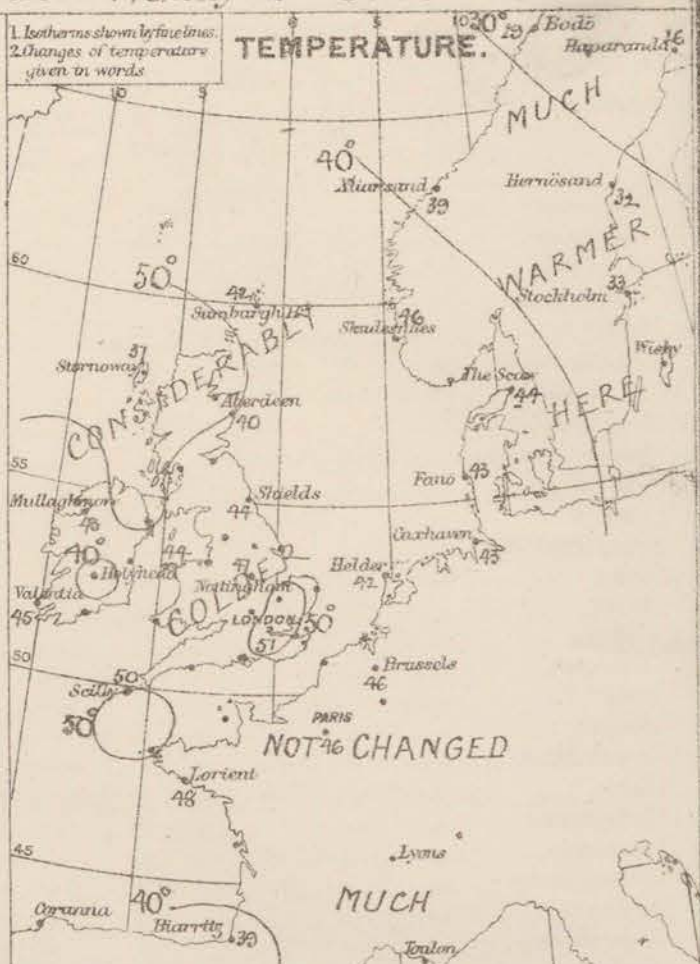
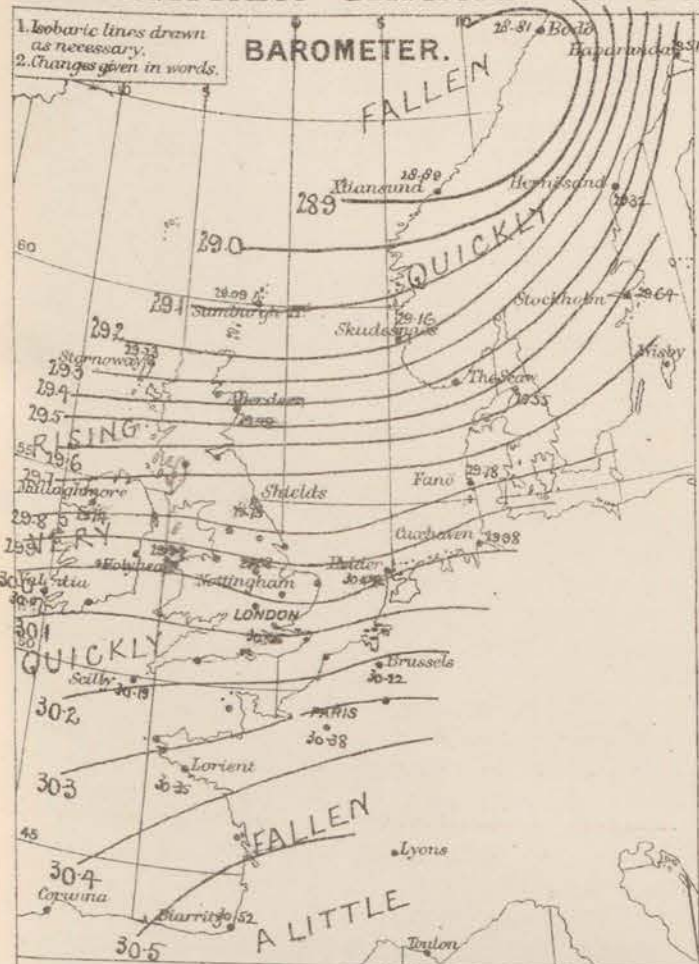
\* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at (Paris time) in France.

N.B.—The wind is said to "rear" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.



WEATHER CHARTS for 8 a.m. on Friday 2<sup>nd</sup> JAN<sup>y</sup> 1880.



REMARKS. The depression which lay off our extreme NW coast yesterday morning has now reached the N. of Norway, and during the night a shallow subsidiary depression travelled across the N. of England from the W<sup>d</sup>, and is now off our NE. coast. Strong easterly S.W. to N.E. breezes have been felt in all parts of the Kingdom during the 24 hours accompanied by high temperatures, rain, and in some places hail and lightning.

This morning's barometrical readings vary from between 30.3 ins: and 30.5 ins: over Landed to 28.8 ins: off the W. of Norway and the barometer is rising in all coasts. The wind has veered to W in almost all places, and though ebullient, is moderating generally; temperature has fallen at all but the S<sup>d</sup> stations, and varies from 57° in London to 39° at Portsmouth and 37° in the N. of Scotland; and the sky is inclined to clear, especially in the W.

With the present distribution of pressure the wind, after falling at W with a temporary improvement in weather, is likely to back again towards SW, with a rise of temperature and probably rain - the change commencing first in Ireland and afterwards extending to England.

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*Meteorological Office,  
116, Victoria Street, Westminster, S. W.*

R. H. SCOTT.  
Secretary



# DAILY WEATHER REPORT

JAN 3<sup>RD</sup>

1880.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	Barometer.	SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.			
			Dir.	Force. (0 to 12).			Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.			Dir.	Force. (0 to 12).		Max.	Min.	
Haparanda	28.90	31	S	2	0	28.83	-.68	31	31	+ 5	S	2	0	*	32	25	0.71		
Hernösand	29.08	35	SSW	6	bc	29.00	-.08	31	29	- 1	S	2	0	*	37	3	-		
Stockholm	29.49	39	WSW	4	b	29.38	-.11	36	35	+ 3	WSW	4	0	*	41	27	-		
Wisby	29.66	41	SW	8	b	29.55	-.11	37	36	+ 1	WSW	6	0	*	43	30	0.04		
Bodö	28.62	37	SW	6	0	28.63	-.01	37	36	+ 8	SW	6	0	5	37	27	0.24		
Christiansund	28.91	38	SSW	9	0	28.92	+ .01	40	38	+ 1	W	9	0	6	?	28	0.63		
Skudesnaes	29.44	43	W	9	e	29.50	+ .06	42	39	- 14	WNW	8	0	5	46	32	-		
Oxö (Xtiansund)	29.60	41	SW	6	e	29.42	-.18	40	39	- 2	WSW	8	bc	4	43	37	0.04		
Skagen (The Skaw)	29.67	39	WNW	7	b	29.43	-.24	38	37	- 1	W	6	b	*	45	32	-		
Fanö	29.84	39	WSW	4	b	29.80	+ .04	40	38	- 3	W	3	b	*	43	37	-		
Cuxhaven	30.08	40	WSW	3	bc	30.01	+ .07	39	38	- 4	W	7	0	2	43	34	-		
Sumburgh Head	29.10	42	WSW	9	r	29.73	+.64	42	38	0	NN	7	e	7	42	35	0.60		
Stornoway	29.25	42	WSW	6	bc	29.98	+.73	41	40	+ 4	WSW	4	bc	4	49	34	0.13		
Wick	29.33	37	SE	5	e	29.93	+.60	40	38	+ 3	WSW	5	bc	3	40	33	0.20		
Nairn	29.42	40	W	4	r.	29.98	+.56	40	39	+ 3	W	4	0	2	42	35	0.10		
Aberdeen	29.58	38	SW	3	b	30.01	+ .43	41	37	+ 1	WSW	2	bc	3	43	37	-		
Leith	29.66	42	WSW	6	r	30.09	+.43	42	39	+ 1	WSW	4	b	*	45	40	0.11		
Shields	29.86	40	W	5	b	30.11	+ .38	44	43	0	WNW	6	e	2	46	40	0.03		
Spurn Head	30.03	40	SSW	6	b	30.21	+.18	43	41	- 2	SW	5	bc	4	51	40	-		
York	30.00	43	W	5	b	30.24	+.24	45	42	+ 2	W	3	b	*	47	42	0.01		
Nottingham	30.13	42	S	4	b	30.33	+.20	40	38	- 7	WNW	1	e	*	48	37	-		
Ardrossan	29.73	43	SW	6	e	30.15	+.42	45	44	+ 3	WNW	3	e	2	47	39	0.18		
Mullaghmore	29.87	45	WSW	9	e	30.23	+.36	44	42	+ 1	SW	5	e	4	56	39	0.30		
Donaghadee	29.88	42	W	7	bc	30.25	+.37	41	39	+ 2	WNW	3	b	2	45	38	0.03		
Parsonstown	?	43	SW	2	b	30.26	+.26	36	35	- 3	SW	2	b	0	55	35	0.12		
Holyhead	30.04	46	SW	5	b	30.32	+.28	44	43	0	WSW	2	b	2	47	44	-		
Liverpool (Bidston)	30.01	46	WSW	7	b	30.30	+.29	43	40	- 1	WSW	5	b	3	46	43	-		
Valentia	30.23	48	W	5	exp	30.35	+.12	48	46	+ 3	SSW	6	e	6	55	42	0.08		
Roche's Point	30.24	44	W	4	bc	30.38	+.14	43	41	+ 1	W	3	bc	4	44	40	0.18		
Pembroke	30.20	48	W	6	bc	30.42	+.22	47	46	0	W	3	b	4	48	44	0.02		
Scilly	30.37	49	W	6	bc	30.49	+.12	48	46	- 2	WSW	5	bc	7	50	47	0.01		
Prawle Point	30.35	45	WNW	3	bc	30.49	+.14	48	45	- 2	W	2	b	3	49	42	-		
Hurst Castle	30.31	41	W	3	b	30.48	+.17	40	40	- 6	NN	2	b	3	47	40	-		
Dover	30.26	45	WSW	4	e	30.43	+.17	40	39	- 5	W	4	b	3	47	38	0.03		
London	30.28	41	W	4	bm	30.42	+.14	37	37	- 14	SW	3	bc	*	52	37	-		
Oxford	30.23	43	SW	1	b	30.39	+.16	39	38	- 9	SW	1	bc	*	49	39	-		
Cambridge	30.21	38	SW	1	b	30.37	+.16	37	36	- 14	SW	1	b	*	58	36	-		
Yarmouth	30.16	42	WSW	3	bc	30.29	+.13	40	39	- 9	W	4	b	2	50	39	0.02		
The Helder	*	*	*	*	*	30.16	+.00	40	39	- 2	WSW	4	b	*	*	*	*		
Cape Gris Nez	30.26	44	WSW	5	e	30.42	+.16	42	41	- 1	W	5	b	4	46	41	-		
Jersey	30.41	47	W	3	0	30.57	+.16	44	43	- 5	W	2	bc	2	50	41	0.01		
Brest	30.45	50	NNW	2	0	30.55	+.10	41	40	- 9	E	1	b	7	52	39	0.08		
Lorient	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Rochefort	30.49	47	WSW	5	e	30.54	+.05	45	45	- 1	WSW	5	0	2	48	?	-		
Biarritz	30.57	46	SE	3	m	30.57	+.00	41	38	+ 2	E	4	0	6	52	36	-		
Corunna	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Brussels	*	*	*	*	*	30.40	+.18	38	37	- 8	SW	5	b	*	48	38	-		
Charleville	?	?	SSW	1	0	?	?	35	33	- 5	WSW	1	0	*	45	44	-		
Paris	30.38	48	?	1	0	30.56	+.18	38	37	- 8	NN	2	b	*	*	*	-		
Lyons	30.55	41	NN	1	0	30.60	+.05	36	36	0	NE	1	0	*	44	34	-		
Toulon	30.38	48	SW	3	b	30.39	+.01	45	44	0	W	0	0	5	50	43	-		

## YESTERDAY'S 045PM REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wea.	Ses.		Bar.	Dry.	Wet.	Wind.	Wea.	Ses.		
Skudesnaes ...	29.43	44	39	WSW	9	e	6	Valentia ...	30.14	47	46	SW	6	bcg	6
Sumburgh Head	29.11	36	36	WSW	9	r	8	Scilly ...	30.29	50	45	W	6	e	6
Stornoway ...	29.26	43	39	WSW	8	e	7	Dover ...	30.17	46	46	WSW	4	or	3
Aberdeen ...	29.55	39	36	SW	4	b	3	London ...	30.17	51	47	WSW	4	e	3
Shields ...	29.86	46	44	W	6	o	2	Yarmouth ...	30.08	49	47	W	4	bc	3
Ardrossan ...	29.74	42	40	SW	6	bc	5	Jersey ...	30.32	49	49	W	4	o	4
Mullaghmore ...	29.81	45	43	W	8	og	7	Rochefort ...	30.49	47	46	WSW	4	o	2
Holyhead ...	30.04	45	42	SW	5	b	4								

No important change has occurred since 8 a.m.

KINGSTOWN.

30.05 | 45 | W | 6 | r | 30.32 | + .41 | 45 | 42 | + 2 | WSW | 2 | b | 3 | 46 | 41 | 0.03

## EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

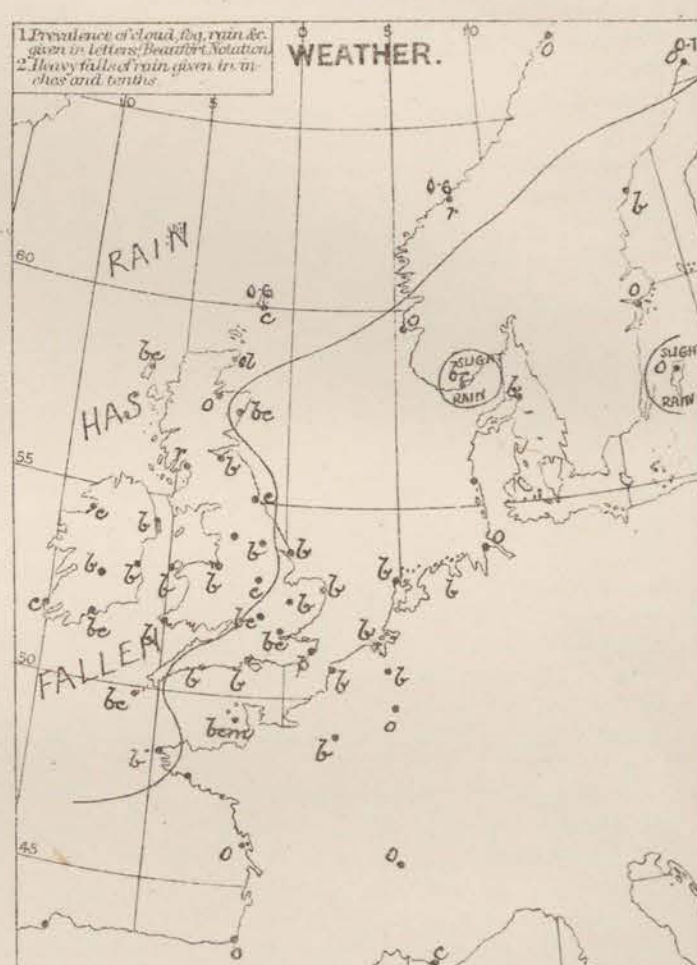
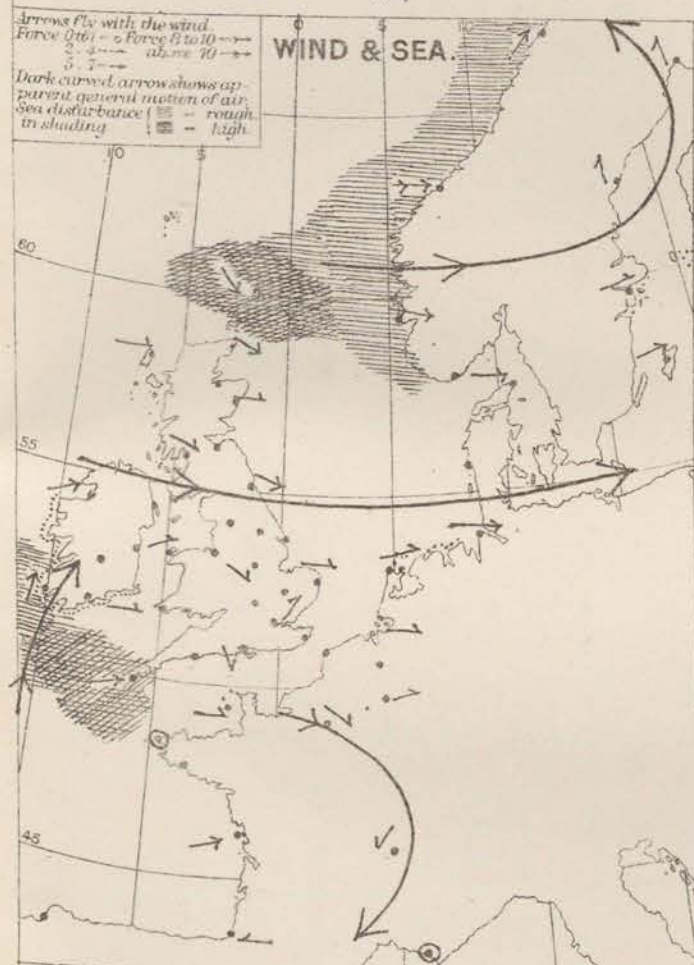
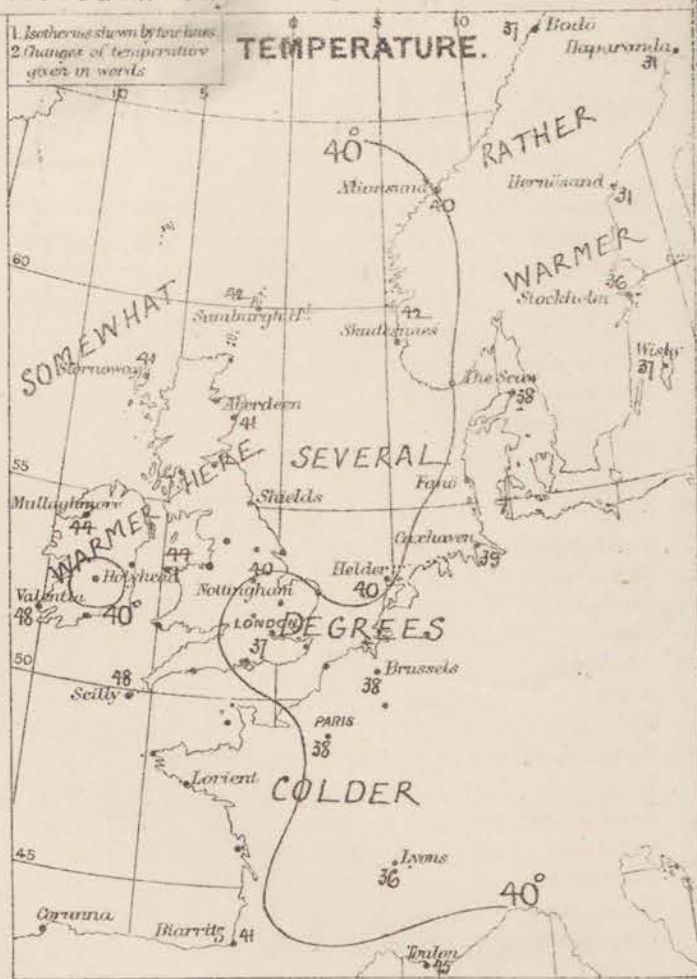
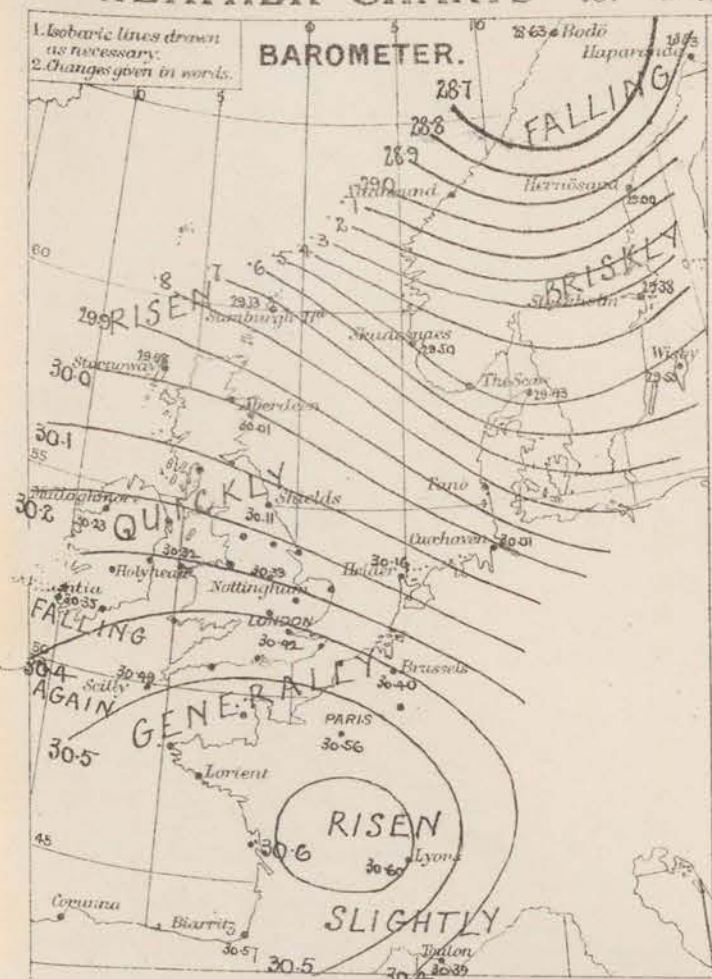
\* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.



WEATHER CHARTS for 8 a.m. on Saturday 3<sup>rd</sup> JANUARY, 1880.



Bedded line is shown where the signal-hand head hoisted

REMARKS. The depression which lay off the W. of Norway yesterday morning is travelling NE<sup>er</sup> towards Lapland, the barometer has risen in its rear, i.e. over the whole of our Islands, and readings vary from about 30.6 in: over France to 28.6 in: over the N. of Scandinavia. The wind also has shifted over the greater part of our Islands to a light or moderate breeze from the NW; temperature has fallen considerably over England - the readings over our SE<sup>er</sup> countries being now about 37° in the shade and 29° on the grass; and the weather has cleared up considerably. Some thunderstorms occurred in the fore N. and NW. yesterday. In the W. of Ireland, however, the rise of the barometer has apparently ceased, the wind has backed again to SW or SSW and is strong, the sky is cloudy, the weather dull, temperature is inclined to rise, and the sea keeps very rough. All these changes point to the advance of a new series of depressions from the Atlantic, and warnings have consequently been sent to the S. and W. of Ireland at once. The sea is smooth at present, both at Holyhead and Dover.

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*Meteorological Office.*  
116, Victoria Street, Westminster, S. W.

R. H. SCOTT.  
Secretary.



# DAILY WEATHER REPORT 4<sup>TH</sup> JAN 1880.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.			
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.			
Haparanda ...	29.06	25	W	2	b	29.49	+ .64	16	15	- .15	SW	2	b	*	32	14	-		
Hernösand ...	29.29	36	WNW	6	b	29.78	+ .78	26	28	- .1	W	2	e	*	36	21	-		
Stockholm ...	29.41	36	WNW	4	b	29.85	+ .50	31	29	- .5	WNW	2	bc	*	39	30	-		
Wisby ...	29.43	38	WNW	8	b	29.83	+ .28	36	35	- .1	NW	8	b	*	39	34	-		
Bodö ...	29.35	35	N	6	bc	29.52	+ .89	34	32	- .8	WNW	24	e	*	37	24	-		
Christiansund...	29.75	39	NW	9	r	29.62	+ .70	40	36	0	SSE	5	o	6	41	30	0.39		
Skudesnes ...	30.02	40	NW	8	e	29.97	+ .47	43	43	+ .1	WSW	4	o	5	43	39	0.08		
Oxö (Xiansund)...	29.88	41	WNW	6	b	30.02	+ .60	41	41	+ .1	SW	4	o	2	43	37	-		
Skagen (The Skaw)	29.85	39	WNW	4	b	30.06	+ .63	37	36	- .1	WNW	3	o	1	41	30	-		
Fanö ...	30.13	39	WNW	6	b	30.22	+ .42	39	39	- .1	W	4	o	*	43	37	-		
Cuxhaven ...	30.17	40	WSW	4	bc	30.36	+ .35	37	36	- .2	W	1	e	2	39	36	-		
Sumburgh Head...	29.98	38	NW	1	bc	29.92	+ .19	45	43	+ .3	W	5	b	5	47	35	0.06		
Stornoway ...	29.89	46	SW	6	r	30.06	+ .08	40	40	- .1	WNW	2	b	2	47	38	0.15		
Wick ...	30.00	43	SW	3	o	30.07	+ .14	41	39	+ .1	W	2	bc	2	44	37	0.02		
Nairn ...	30.03	45	W	4	o	30.11	+ .13	41	39	+ .1	W	0	b	1	46	40	-		
Aberdeen ...	30.12	42	SW	2	e	30.44	+ .13	40	38	- .1	WSW	1	e	4	45	40	-		
Leith ...	30.19	45	W	4	e	30.20	+ .11	45	44	+ .3	WSW	4	bc	*	47	42	0.01		
Shields ...	30.28	39	W	0	o	30.29	+ .18	44	44	0	W	1	bc	0	45	39	-		
Spurn Head ...	30.37	40	WNW	3	b	30.35	+ .14	42	40	- .1	SSW	4	bc	4	44	39	-		
York ...	30.34	43	W	2	b	30.36	+ .12	44	41	- .1	SSW	1	bc	*	47	41	-		
Nottingham ...	30.41	39	SSW	3	b	30.43	+ .10	41	39	+ .1	SW	3	o	*	43	38	-		
Ardrossan ...	30.21	46	SW	5	o	30.21	+ .06	45	44	0	SW	4	o	4	46	44	0.03		
Mullaghmore ...	30.44	47	SW	7	o	30.48	- .05	46	46	+ .2	SW	5	rg	4	48	43	0.22		
Donaghadee ...	30.26	46	SW	3	o	30.27	+ .02	43	43	+ .2	SSW	3	e	2	46	39	0.04		
Parsonstown ...	30.30	45	SSE	3	o	30.25	- .11	46	45	+ .10	SSE	1	o	*	48	35	-		
Holyhead ...	30.35	47	SW	3	e	30.32	00	47	46	+ .3	SSW	3	m	2	48	44	-		
Liverpool (Bidston)	30.32	45	SSW	2	b	30.35	+ .05	44	42	+ .1	SW	3	e	1	47	43	-		
Valentia ...	30.29	50	SSW	7	o	30.17	- .18	50	49	+ .2	SSW	6	o	5	51	47	0.36		
Roche's Point...	30.38	45	SSW	5	e	30.26	- .12	49	49	+ .6	S	5	rm	5	49	42	0.06		
Pembroke ...	30.45	48	SW	4	e	30.37	- .08	47	47	0	S	4	of	4	49	45	0.02		
Scilly ...	30.49	48	SW	5	e	30.40	- .09	50	50	+ .2	SSW	6	o	6	53	46	0.04		
Prawle Point ...	30.53	48	SW	3	b	30.45	- .04	43	42	- .2	S	2	bc	3	52	42	-		
Hurst Castle ...	30.49	41	SW	2	b	30.51	+ .03	41	39	+ .1	SW	3	bc	2	46	40	-		
Dover ...	30.51	40	W	2	b	30.51	+ .08	40	40	0	SW	1	of	1	45	37	-		
London ...	30.52	40	WSW	1	bm	30.50	+ .08	37	36	0	S	1	bm	*	52	36	-		
Oxford ...	30.48	42	W	1	b	30.47	+ .08	35	35	- .4	W	1	bc	*	49	34	-		
Cambridge ...	30.49	37	SW	1	b	30.50	+ .13	33	33	- .4	SW	1	bf	*	50	29	-		
Yarmouth ...	30.40	40	W	2	bc	30.46	+ .17	34	38	- .6	WSW	2	f	2	44	31	-		
The Helder ...	*	*	*	*	*	30.43	+ .27	38	37	- .2	SW	2	bc	*	*	*	*		
Cape Gris Nez ...	30.50	42	W	4	b	30.53	+ .11	40	40	- .2	SW	3	f	1	46	39	-		
Jersey ...	30.60	41	W	0	b	30.34	- .03	38	38	- .6	S	2	of	2	48	37	0.01		
Brest ...	30.56	44	S	4	b	30.48	- .07	44	44	+ .3	SSE	3	o	5	48	41	-		
Lorient ...	30.56	?	E	12	b	30.49	- .06	41	40	+ .3	ESE	4	m	4	46	37	-		
Rochefort ...	30.57	47	ESE	3	f	30.49	- .05	34	32	- .31	ENE	4	f	2	?	?	-		
Biarritz ...	30.52	48	E	5	o	30.48	- .09	37	35	- .4	ESE	1	e	6	52	32	-		
Corunna ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Brussels ...	*	*	*	*	*	30.55	+ .15	39	38	+ .1	SW	3	f	*	45	37	-		
Charleville ...	?	36	SW	1	b	?	?	36	34	+ .1	ESE	3	e	*	42	32	-		
Paris ...	30.60	39	?	1	b	30.61	+ .05	34	33	- .4	NW	1	f	*	*	*	-		
Lyons ...	30.56	43	N	1	bc	30.58	- .02	38	32	- .3	NNE	1	o	*	48	32	-		
Toulon ...	30.46	45	W	0	b	30.38	- .01	44	42	- .1	SW	3	b	2	48	43	-		

## YESTERDAY'S 0.45 PM REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		
Skudesnaes ...	29.80	41	38	NW	9	chg	5	Valentia ...	30.33	50	46	SSW	6	o	6
Sumburgh Head ...	29.91	41	37	NW	5	b	6	Scilly ...	30.57	53	50	SW	5	e	7
Stornoway ...	30.51	42	41	SW	4	e	4	Dover ...	30.48	44	43	W	3	b	3
Aberdeen ...	30.12	43	39	WSW	2	b	2	London ...	30.49	48	45	WSW	2	bc	2
Shields ...	30.27	40	39	NNW	2	bc	2	Yarmouth ...	30.36	44	42	W	4	bc	2
Ardrossan ...	30.23	46	42	WSW	4	o	4	Jersey ...	30.61	48	46	WSW	2	b	2
Mullaghmore ...	30.21	47	45	SW	6	cu	4	Rochefort ...	30.57	49	48	SSW	1	f	2
Holyhead ...	30.38	47	45	SW	4	e	4								

The barometer is now falling a little at both the Irish stations, and the SW wind is increasing in strength with a threatening appearance and heavy ground sea.

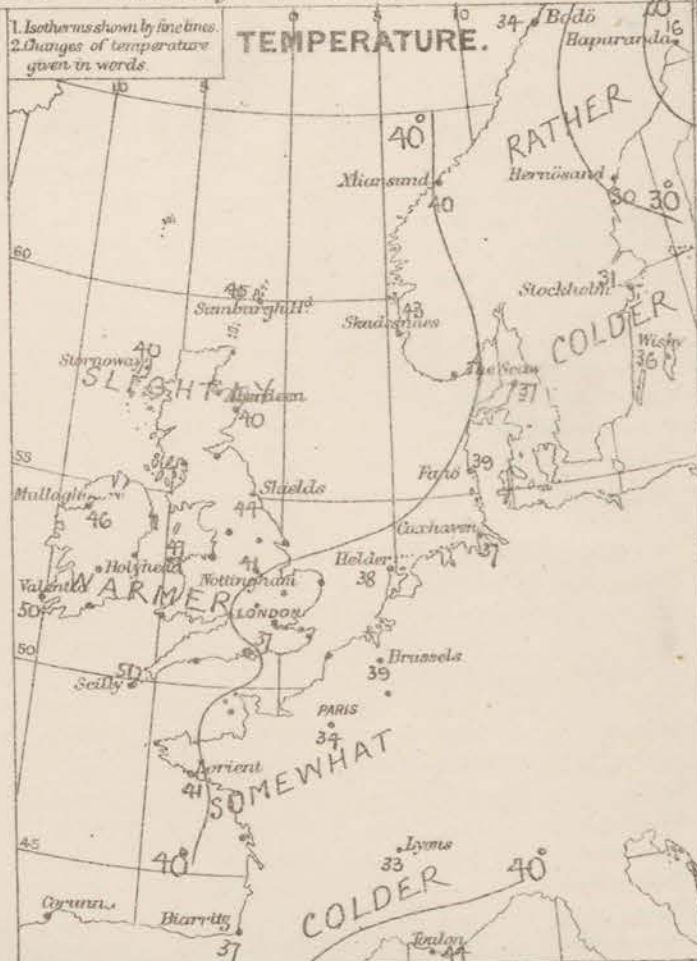
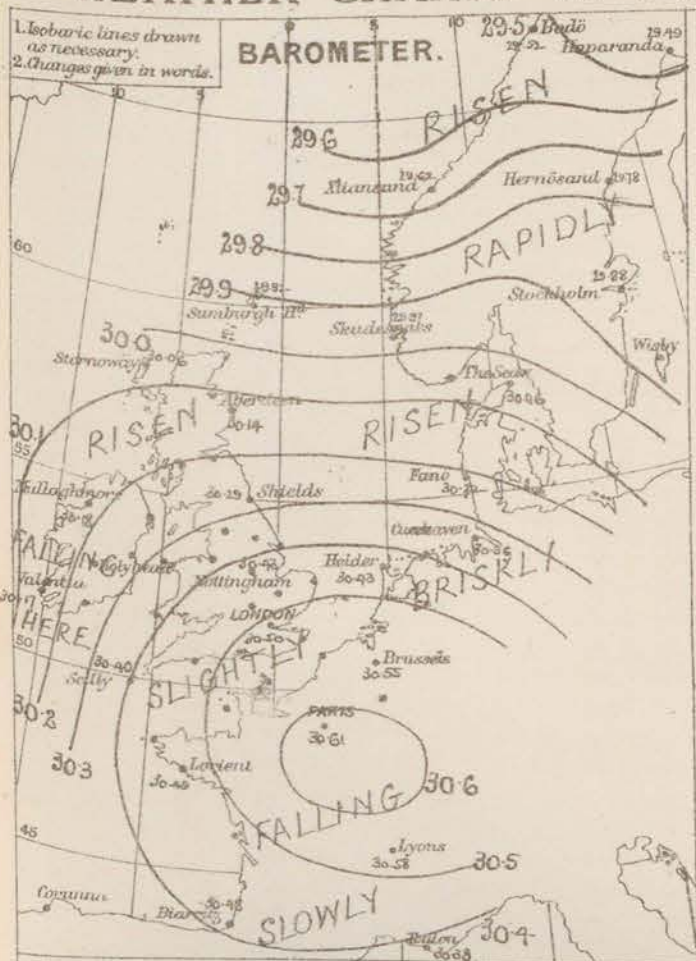
KINGSTOWN. | 30.35 | 48 | SW | 1 | e | 30.29 | - .03 | 46 | 44 | + .1 | SSE | 1 | e | 2 | 50 | 43 | -

## EXPLANATION OF COLUMNS.

**WEATHER.**—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. equally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.  
 \* AN ASTERISK is inserted in all places for which information is not usually received.  
 † The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.  
 N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.



WEATHER CHARTS for 8 a.m. on Sunday 4<sup>TH</sup> JAN<sup>Y</sup> 1880.



REMARKS. Weather this morning is fine on all except our western W<sup>ch</sup> coasts, and the sky over the United Kingdom very bright for the time of year. During Saturday a series of depressions began to approach our W<sup>ch</sup> coasts, and warnings were issued accordingly, in those regions the wind backed to the S<sup>th</sup> and freshened, blowing a moderate gale at Valentia and a fresh gale at Mullaghmore, but the depressions appear to be travelling outside the Irish and Scotch coasts instead of coming over us. Over Scandinavia pressure has increased rapidly with a slight fall of temperature, in France also the weather is rather colder, but has changed very little over our Islands. The sea is rough in the W. and N., moderate to smooth elsewhere.

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R. H. SCOTT.  
Secretary

DANCEFIELD L. 22 BEDFORD ST COVENT GARDEN



# DAILY WEATHER REPORT 5<sup>TH</sup> JAN<sup>Y</sup> 1880.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.								PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.
			Dirac.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dirac.	Force. (0 to 12).			Max.	Min.	
Haparanda ...	29.59	10	W	2	b	29.79	+ .30	19	19	+ .3	WNW	4	o	*	19	5	—
Hernösand ...	29.68	32	SW	2	c	30.02	+ .74	24	23	— .6	WNW	2	b	*	39	23	—
Stockholm ...	29.56	31	WSW	2	c	30.10	+ .22	35	32	+ .4	N	2	bc	*	37	27	—
Wisby ...	29.50	34	WSW	4	o	29.95	+ .12	37	35	+ .1	N	8	o	*	37	34	0.08
Bodö ...	29.60	34	N	2	c	29.88	+ .36	36	35	+ .4	NTW	4	c	2	36	28	—
Christiansund...	29.90	42	W	7	r	30.06	+ .44	43	40	+ .3	WSW	6	o	5	43	34	0.32
Skudesnaes ...	30.15	41	WNW	2	b	30.30	+ .33	41	41	— .2	SE	2	f	4	45	41	—
Oxö (Xilansund)...	30.02	42	SW	6	b	30.26	+ .24	40	38	— .1	WNW	4	c	2	43	37	—
Skagen (The Skaw)	30.02	39	WSW	4	b	30.26	+ .28	37	37	o	NNE	2	b	*	39	30	—
Fanö ...	30.26	40	W	4	o	30.39	+ .17	38	38	— .1	W	4	o	*	41	37	—
Cuxhaven ...	30.37	39	W	3	o	30.46	+ .10	39	39	+ .2	W	1	f	1	?	36	—
Sumburgh Head ...	30.14	45	W	3	c	30.09	+ .17	45	44	o	S	3	o	4	48	42	0.01
Stornoway ...	30.09	42	SW	1	b	29.97	— .09	47	45	+ .7	WSW	6	bc	5	47	41	—
Wick ...	30.17	40	S	1	b	30.07	— .00	44	43	+ .3	S	2	c	1	45	37	—
Nairn ...	30.18	39	Z	o	c	30.10	— .01	45	42	+ .4	Z	o	b	1	45	37	—
Aberdeen ...	30.21	35	WSW	1	b	30.22	+ .08	44	43	+ .4	S	4	o	2	45	33	—
Leith ...	30.25	44	Z	o	c	30.24	+ .04	45	46	+ .3	SW	3	b	*	49	42	—
Shields ...	30.31	45	W	1	m	30.35	+ .06	40	40	+ .4	WSW	2	cm	0	49	39	—
Spurn Head ...	30.36	40	SE	3	b	30.40	+ .05	40	39	— .2	S	2	cm	4	44	38	0.01
York ...	30.35	42	WSW	1	bc	30.40	+ .04	40	40	— .4	SSE	1	b	*	47	38	—
Nottingham ...	30.41	42	S	3	c	30.45	+ .02	42	42	+ .1	SSE	2	o	*	46	40	—
Ardrossan ...	30.22	46	SSE	2	r	30.24	+ .03	47	46	+ .2	SSW	3	o	2	47	45	0.06
Mullaghmore ...	30.12	49	SSW	3	ogm	30.13	+ .05	49	48	+ .3	SSW	5	o	4	51	42	0.01
Donaghadee ...	30.23	47	SSW	3	b	30.25	— .02	47	47	+ .4	S	3	r	1	48	41	0.10
Parsonstown ...	30.21	48	S	2	o	30.21	— .04	49	48	+ .3	SSE	3	o	0	50	46	0.12
Holyhead ...	30.30	47	SSW	3	c	30.30	— .02	46	45	— .1	S	3	c	2	49	45	—
Liverpool (Bidston)...	30.34	44	SSE	2	c	30.37	+ .02	39	38	— .5	SE	2	m	1	48	39	—
Valentia ...	30.19	45	WSW	2	b	30.20	+ .03	45	46	— .3	WSW	4	c	3	52	44	0.16
Roche's Point...	30.23	48	SSW	5	fm	30.19	— .07	49	49	o	SW	4	rm	4	50	46	0.28
Pembroke ...	30.35	48	S	3	o	30.35	— .02	47	47	o	SSE	3	c	3	48	45	0.02
Scilly ...	30.35	50	SSW	5	o	30.32	— .08	50	50	o	S	7	fm	6	52	48	0.08
Prawle Point ...	30.43	46	SSW	1	o	30.41	— .04	45	45	+ .2	SE	4	c	4	48	42	0.02
Hurst Castle ...	30.45	42	Z	o	o	30.48	— .03	41	41	o	SSE	2	o	1	45	41	—
Dover ...	30.48	39	WSW	4	bc	30.51	— .00	38	37	— .2	SSW	2	c	1	44	37	—
London ...	30.46	35	S	1	bm	30.48	— .02	34	34	— .3	S	2	f	*	47	32	—
Oxford ...	30.48	40	W	1	o	30.47	— .00	39	39	+ .4	SW	1	of	*	46	33	0.02
Cambridge ...	30.43	35	SW	1	b	30.49	— .01	39	38	+ .6	S	1	o	*	44	31	0.05
Yarmouth ...	30.42	37	SW	2	b	30.46	— .00	37	37	+ .3	SW	1	og	2	40	32	—
The Helder ...	*	*	*	*	*	30.48	+ .05	39	38	+ .1	SW	1	c	*	*	*	*
Cape Gris Nez ...	30.49	36	SSW	3	f	30.51	— .02	35	35	— .5	SSE	1	o	0	41	12	—
Jersey ...	30.50	39	SSE	2	o	30.50	— .04	36	36	— .2	SSE	2	cm	2	40	36	0.02
Brest ...	30.49	45	S	5	o	30.47	— .01	42	41	— .2	S	1	o	5	46	41	—
Lorient ...	30.45	40	SSE	4	o	30.46	— .03	37	35	— .4	ESE	4	m	4	2	34	0.71
Rochefort ...	30.44	35	ENE	4	f	30.47	— .02	34	33	o	ENE	4	m	2	41	23	—
Biarritz ...	30.45	45	ENE	2	o	30.44	— .04	46	41	+ .9	SW	4	c	4	50	34	—
Corunna ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Brussels ...	*	*	*	*	*	30.53	— .02	37	34	— .2	SSW	1	o	*	40	36	—
Charleville ...	?	35	WNW	3	o	?	?	28	?	— .8	WNW	1	b	*	37	28	—
Paris ...	30.53	37	?	1	o	30.58	— .08	36	36	+ .2	SE	3	c	*	*	*	—
Lyons ...	30.50	31	NNE	1	o	30.50	— .08	31	30	— .2	S	1	o	*	36	31	—
Toulon ...	30.40	48	SE	4	c	30.47	+ .09	47	42	+ .3	NE	4	c	2	48	?	—

## YESTERDAY'S 045PM REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.
Skudesnaes ...	30.04	44	43	W	4	bf	4	Valentia ...					
Sumburgh Head ...								Scilly ...					
Stornoway ...								Dover ...					
Aberdeen ...								London ...					
Shields ...								Yarmouth ...					
Ardrossan ...								Jersey ...					
Mullaghmore ...								Rochefort ...	30.44	36	35	ENE	4
Holyhead ...													

KINGSTOWN. | 30.26 | 50 | SSE | 3 | 31 | 30.26 | — .03 | 49 | 48 | + .3 | SSE | 3 | cm | 3 | ? | 48 | —

### EXPLANATION OF COLUMNS.

**WEATHER.**—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. equally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

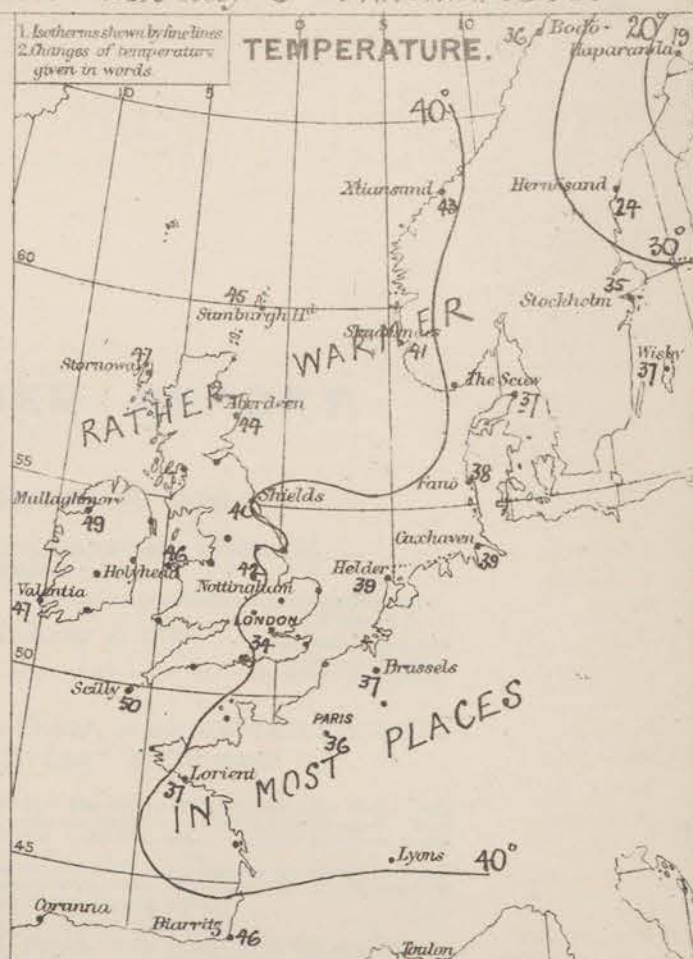
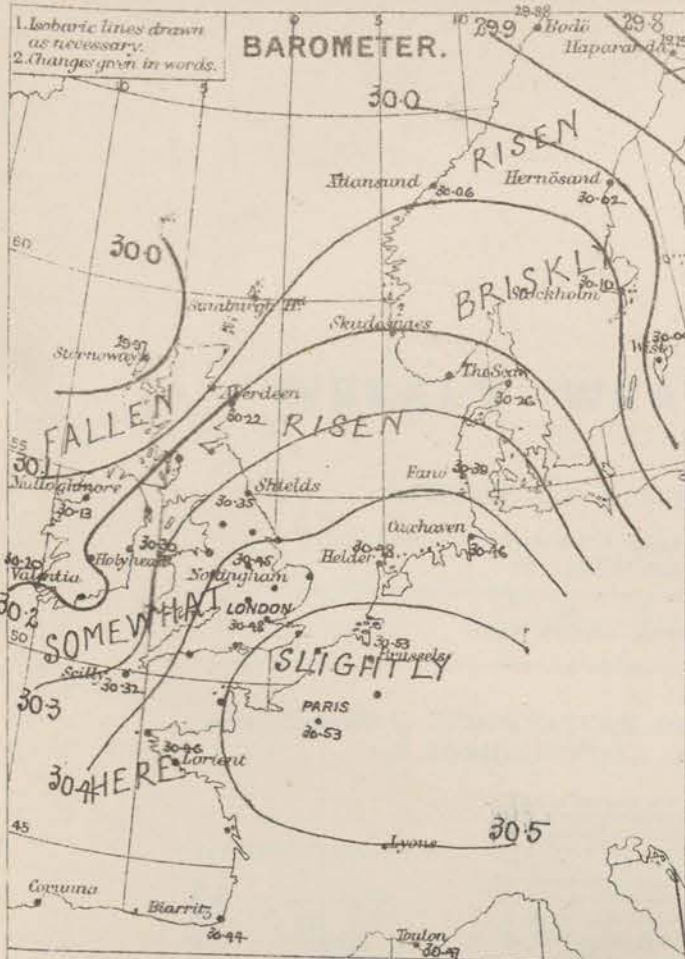
\* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.



# WEATHER CHARTS for 8 a.m. on Monday 5<sup>th</sup> JANUARY 1880.



**REMARKS** The barometer is falling somewhat over Scotland, and a large depression is shown to the NW<sup>o</sup> of that country, while a small subsidiary disturbance has advanced over Ireland occasioning a slight decrease of pressure on our SW. coast also. The wind is S<sup>o</sup> to SW<sup>o</sup> at nearly all stations, and in the neighbourhood of the two disturbances blows strongly, but elsewhere it is moderate or light, while the sea is nearly smooth except at Scilly and Stormway. The weather is fine in many parts of Scotland, and temperature there has risen a few degrees, but over Ireland and England the sky is cloudy or overcast with rain, mist or fog, and the thermometer has changed irregularly. In the countries to the E<sup>o</sup> of the North Sea the barometer has risen very decidedly. The depression which lay over or near Scandinavia yesterday has passed away E<sup>o</sup>, the wind has shifted to W or NW, sharp frost prevails over the Gulf of Bothnia, and the sky is clear or nearly so at Helsingfors and Stockholm.



# DAILY WEATHER REPORT 6<sup>TH</sup> JAN 1880.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Dirac.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dirac.	Force. (0 to 12).			Max.	Min.			
Haparanda	30.04	5	N	2	b	29.98	+ .05	23	23	+ 4	SE	2	0	*	23	3	—		
Hernösand	30.17	20	L	0	b	30.08	+ .06	22	23	- 2	L	0	b	*	26	19	—		
Stockholm	30.28	31	WSW	2	b	30.23	+ .13	31	30	- 4	W	2	0	*	34	27	—		
Wisby	30.22	33	NNW	4	b	30.26	+ .21	37	36	0	WNW	6	0	*	39	30	—		
Bodö	29.83	35	SE	2	r	29.66	- .22	42	39	+ 5	SW	4	7	34	30	—			
Christiansund	30.03	47	SW	1	c	30.02	- .04	42	42	- 1	W	7	7	5	2	34	0.16		
Skudesnaes	30.29	42	SSE	6	o	30.24	- .06	43	42	+ 2	SSW	4	7	4	43	41	—		
Oxö (Xilansund)	30.36	40	WSW	4	f	30.32	+ .06	40	40	0	SW	4	f	0	41	37	—		
Skagen (The Skaw)	30.38	38	WSW	5	f	30.36	+ .10	39	39	+ 2	W	4	0	*	39	28	—		
Fanö	30.48	39	SW	1	o	30.49	+ .10	39	39	+ 1	SW	4	0	*	39	37	—		
Cuxhaven	30.52	28	WSW	1	f	30.61	+ .15	37	37	- 2	WSW	1	0	1	39	36	—		
Sumburgh Head	30.02	45	SSW	3	b	30.22	+ .13	42	40	- 2	WNW	3	0	4	47	40	0.01		
Stornoway	29.95	47	WSW	7	o	30.27	+ .30	42	40	- 5	L	0	0	0	48	40	0.07		
Wick	30.05	44	S	2	b	30.29	+ .22	42	41	- 2	L	0	m	0	47	40	0.08		
Nairn	30.06	47	SW	2	o	30.30	+ .20	43	42	- 2	L	0	7	1	50	39	0.15		
Aberdeen	30.15	45	S	4	c	30.29	+ .07	45	44	+ 1	L	0	cm	1	47	44	0.04		
Leith	30.26	50	SW	1	o	30.33	+ .09	49	46	+ 1	WSW	4	0	*	52	46	0.02		
Shields	30.36	43	SW	2	b	30.43	+ .08	41	41	+ 1	L	0	m	0	45	39	—		
Spurn Head	30.42	40	S	3	f	30.48	+ .08	37	35	- 3	S	5	c	5	45	35	—		
York	30.40	44	SW	2	o	30.48	+ .08	40	39	0	S	1	0	*	46	38	—		
Nottingham	30.47	41	S	1	b	30.54	+ .09	37	37	- 5	SSW	3	0	*	45	36	—		
Ardrossan	30.24	47	SSW	5	o	30.34	+ .10	47	46	0	SSW	4	7	4	48	45	0.02		
Mullaghmore	30.17	49	SSW	5	o	30.31	+ .18	50	49	+ 1	SW	4	0	4	51	47	—		
Donaghadee	30.27	48	SSW	4	o	30.40	+ .15	47	46	0	SW	2	0	1	48	45	—		
Parsonstown	30.32	46	SSE	4	o	30.43	+ .22	45	44	- 4	SSE	1	b	2	51	43	—		
Holyhead	30.31	46	SSW	4	m	30.43	+ .13	46	46	0	SSW	3	m	2	48	45	0.03		
Liverpool (Bidston)	30.37	42	SSE	3	o	30.46	+ .09	41	40	+ 2	SSE	2	c	1	46	38	0.01		
Valentia	30.28	49	S	4	o	30.39	+ .19	50	50	+ 3	SSE	4	0	4	52	47	0.05		
Roche's Point	30.32	48	WSW	3	b	30.43	+ .24	48	46	- 1	SSW	3	0	4	51	48	0.08		
Pembroke																			
Scilly	30.37	41	SSW	6	f	30.47	+ .15	48	48	- 2	L	0	0	4	52	47	0.10		
Prawle Point	30.45	44	SE	4	o	30.53	+ .12	41	41	- 4	SE	2	c	3	48	40	—		
Hurst Castle	30.50	39	ESE	3	o	30.56	+ .08	37	36	- 4	ESE	2	0	2	41	37	—		
Dover	30.53	37	SE	2	o	30.58	+ .07	37	35	- 1	E	1	c	1	39	35	—		
London	30.51	39	SSW	2	o	30.57	+ .09	33	32	- 1	SW	1	0	*	42	32	—		
Oxford	30.53	40	S	1	o	30.56	+ .09	35	35	- 4	S	1	0	*	42	35	—		
Cambridge	30.50	40	SW	1	o	30.58	+ .09	32	31	- 7	S	1	0	*	43	28	—		
Yarmouth	30.51	39	SW	1	f	30.58	+ .12	35	34	- 2	SW	1	b	2	39	34	0.01		
The Helder	*	*	*	*	*	30.54	+ .11	36	35	- 3	SW	1	c	*	*	*	*		
Cape Gris Nez	30.54	34	ESE	1	o	30.57	+ .06	40	30	- 5	ESE	1	b	0	37	30	—		
Jersey	30.53	34	SE	2	o	30.58	+ .08	32	32	- 4	E	2	0	2	36	31	—		
Brest	30.50	41	S	4	o	30.57	+ .10	41	41	- 1	SE	3	0	3	46	41	—		
Lorient	30.49	33	SE	3	m	30.53	+ .07	30	30	- 7	SE	3	f	4	37	28	—		
Rochefort	30.45	35	ENE	4	o	30.47	00	35	34	+ 1	NNE	0	0	2	45	37	—		
Biarritz	30.46	48	E	3	o	30.47	+ .03	42	42	- 3	S	1	0	4	52	37	—		
Corunna	*	*	*	*	*			*						*	*	*	*		
Brussels	*	*	*	*	*	30.58	+ .05	28	28	- 9	ESE	1	b	*	39	28	—		
Charleville	*	*	*	*	*	?								*	*	*	*		
Paris	30.57	36	?	2	o	30.57	+ .04	33	33	- 3	NNE	1	0	*	*	*	—		
Lyons	30.52	31	N	1	o	30.56	+ .06	31	30	0	N	1	0	*	33	30	—		
Toulon	30.48	45	NE	1	o	30.48	+ .01	45	42	- 2	NE	1	0	1	48	41	—		

## YESTERDAY'S 0-45 PM REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		Bar.	Dry.	Wet.	Wind.	Wca.	Sea.
Skudesnaes							Valentia						
Sumburgh Head	30.04	47	45	SSW	3	c	Scilly	30.24	50	48	SSW	3	o
Stornoway	29.95	48	47	WSW	7	o	Dover	30.34	51	51	S	6	f d
Aberdeen	30.18	45	44	S	4	o	London	30.51	39	37	S	1	o
Shields	30.35	43	42	SW	3	cm	Yarmouth	30.54	42	41	SSW	1	cmg
Ardrossan	30.23	48	47	SSW	4	o	Jersey	30.52	35	35	SE	2	cm
Mullaghmore	30.15	?	50	SW	5	og	Rochefort	30.47	34	32	ENE	4	o
Holyhead	30.33	45	46	S	4	c							

A slight fall of the barometer is reported from Scotland, but elsewhere the mercury is rising. The wind is SW or S and blows strongly at Scilly and Stornoway, while the weather is dull generally with rain, mist or fog in the S. and E.

KINGSTOWN. 30.28 | 47 | SSW | 1 | c | 30.42 | + 16 | 47 | 45 | 2 | S | 1 | 0 | 2 | 51 | 43 | 0.01

### EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

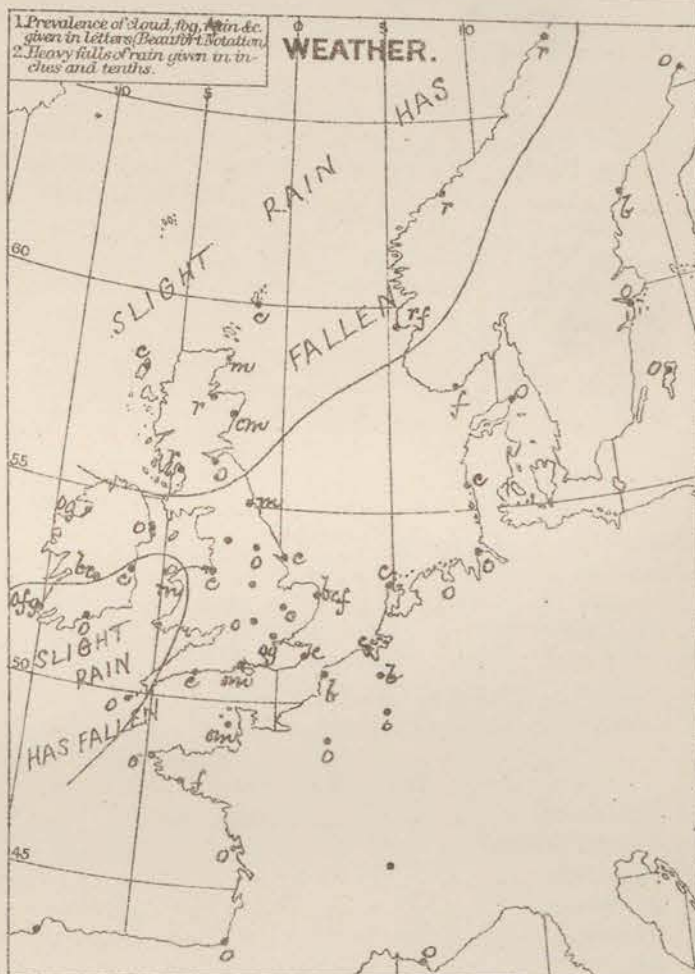
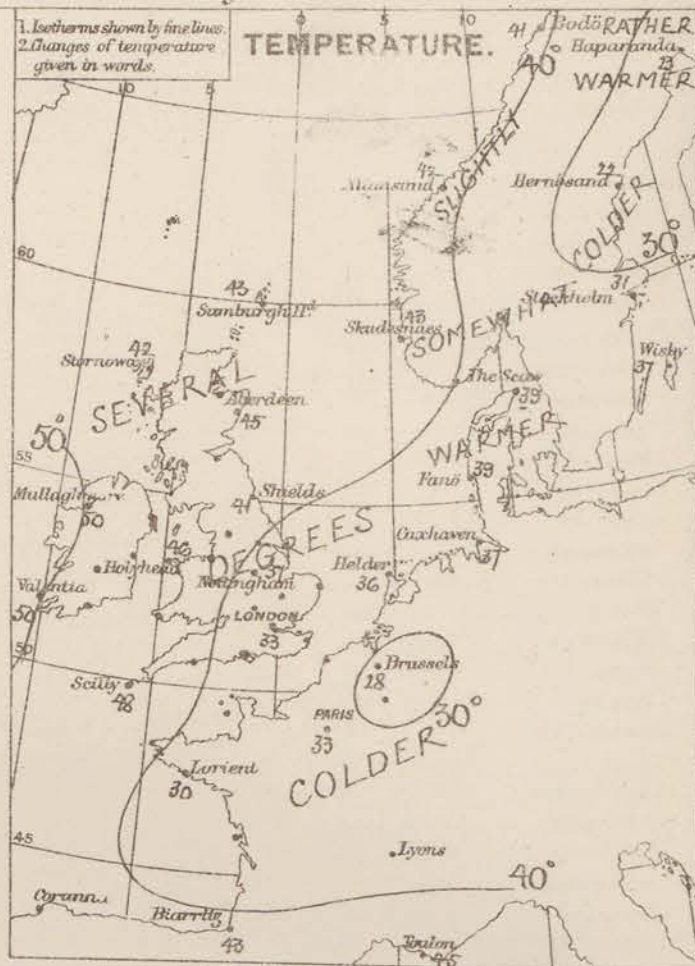
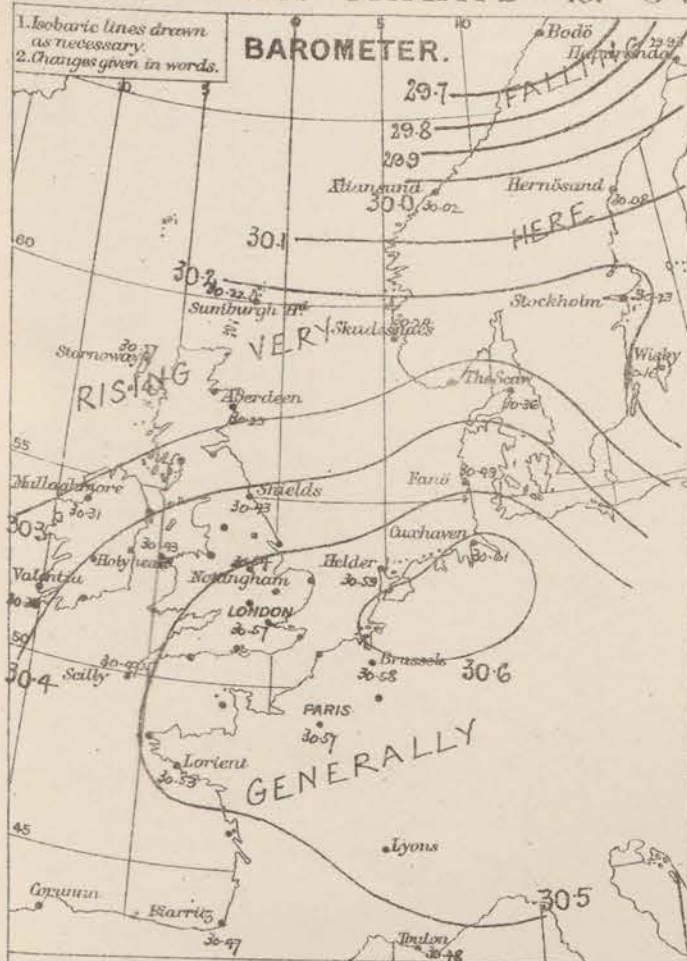
\* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.  
‡. Recurred too late for insertion in Chart.



WEATHER CHARTS for 8 a.m. on Tuesday 6<sup>th</sup> Jan<sup>y</sup> 1880.



REMARKS This morning a depression is shown advancing towards Norway from the Atlantic, and the barometer is falling over the whole of Scandinavia, with rain and SW winds in Norway, and overcast skies in Sweden. Temperature therefore in that region shows a tendency to rise and readings range from  $43^{\circ}$  at Christiansund to  $42^{\circ}$  at Heringsund. In all other parts of our area the barometer is rising and the anticyclone noticed yesterday over France is increasing, and at the same time spreading N<sup>W</sup> over the North Sea and England, the actual highest readings being reported from N. Gronnong. We consequently E<sup>SE</sup> breezes and showers over France, the Channel and S. of England, S winds on most of our other coasts, and a W wind in the Netherlands. The wind is moderate or light in force except at Christiansund. The weather is dull or very cloudy in all places except Ymeroth and Cape Gris Nez and slight rain is falling at Astrakhan and Rangoon. Slight rain has fallen in Ireland and Scotland. At nearly all our own and the French stations temperature has decreased several degrees.

Subscription for these Charts payable in ad- vance to cover delivery.	Delivery by hand 10/- per quarter: " book post 5/- " "
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*Meteorological Office.*  
116, Victoria Street, Westminster, S.W.

R. H. SCOTT.  
Secretary



# DAILY WEATHER REPORT

JAN<sup>y</sup> 7<sup>th</sup>

1880.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.			
Haparanda	29.76	25	S	2	b	29.83	— 11	21	21	— 2	SW	2	b	*	32	18	—		
Hernösand	30.08	35	NN	2	b	30.15	+ 07	32	29	+ 10	W	2	b	*	37	18	—		
Stockholm	30.10	34	NN	2	b	30.31	+ 08	31	31	0	NN	2	b	*	32	31	0.04		
Wisby	30.22	39	WSN	6	o	30.13	— 03	36	35	+ 1	N	8	b	*	41	30	—		
Bodö	29.74	37	W	6	o	29.87	+ 24	37	35	— 4	W	8	c	5	39	32	—		
Christiansund	30.22	39	WSN	6	b	30.39	+ 37	41	39	— 1	WSN	7	b	5	43	32	0.24		
Skudesnaes	30.39	38	NN	2	b	30.55	+ 31	36	35	— 7	ENE	2	b	2	42	?	—		
Oxö (Xiänsund)	30.29	41	WSN	4	f	30.50	+ 18	35	31	— 5	NNN	2	b	2	43	32	—		
Skagen (The Skaw)	30.27	40	NNN	4	o	30.49	+ 13	36	36	— 3	Z	0	b	0	41	30	—		
Fanö	30.47	39	W	4	r	30.52	+ 03	35	34	— 4	NW	2	b	*	39	34	0.04		
Cuxhaven	30.63	36	WSN	1	o	30.58	— 03	37	37	0	W	4	f	*	?	34	—		
Sumburgh Head	30.40	40	NNN	3	b	30.47	+ 25	44	43	+ 1	SSN	3	r	3	45	35	—		
Stornoway	30.34	42	Z	0	b	30.39	+ 12	47	45	+ 5	SSN	4	c	3	47	40	—		
Wick	30.43	40	Z	0	m	30.47	+ 18	40	40	— 2	Z	0	f	0	44	38	—		
Nairn	30.41	42	Z	0	o	30.48	+ 18	37	36	— 6	Z	0	b	1	43	37	0.05		
Aberdeen	30.44	43	Z	0	om	30.52	+ 23	43	43	— 2	Z	0	o	1	46	42	0.01		
Leith	30.45	50	SW	2	o	30.57	+ 24	36	36	— 13	Z	0	om	*	51	36	—		
Shields	30.49	48	NNN	2	berm	30.62	+ 19	44	43	+ 3	Z	0	om	0	50	40	—		
Spurn Head	30.53	39	S	4	o	30.64	+ 18	40	38	+ 2	W	2	f	4	41	35	—		
York	30.52	45	W	1	b	30.64	+ 16	41	41	+ 1	ESE	1	m	*	47	40	—		
Nottingham	30.59	48	SSN	1	o	30.66	+ 12	40	40	+ 3	Z	0	of	*	41	37	—		
Ardrossan	30.46	47	SSN	4	o	30.56	+ 12	46	45	— 1	SE	1	o	1	47	45	0.02		
Mullaghmore	30.44	51	SSN	4	o	30.43	+ 12	49	46	— 1	SSE	5	cg	4	52	45	—		
Donaghadee	30.50	47	SSN	2	o	30.57	+ 17	46	46	— 1	SSN	2	o	1	51	45	—		
Parsonstown	30.50	45	SE	3	o	30.55	+ 12	46	45	+ 1	SSE	3	o	*	50	40	—		
Holyhead	30.50	47	SSN	3	m	30.60	+ 17	46	45	0	SSN	1	f	0	48	45	—		
Liverpool (Bidston)	30.54	47	S	1	o	30.61	+ 15	43	42	+ 2	SSE	1	f	1	49	41	—		
Valentia	30.43	48	SSE	3	cg	30.48	+ 09	50	49	0	SSE	6	om	5	52	46	0.02		
Roche's Point	30.46	47	SSN	4	c	30.52	+ 09	47	45	— 1	SSN	4	o	4	51	47	0.04		
Pembroke	30.54	45	SSE	3	m	30.61	+ 13	41	41	— 5	SE	3	o	3	46	41	—		
Scilly	30.51	49	SE	5	c	30.56	+ 09	43	40	— 5	ESE	5	o	5	52	42	—		
Prawle Point	30.56	41	E	2	o	30.60	+ 07	40	38	— 1	E	4	o	3	42	38	—		
Hurst Castle	30.59	37	ESE	2	o	30.63	+ 07	36	36	— 1	E	3	of	3	40	34	—		
Dover	30.61	37	NE	1	om	30.66	+ 08	34	34	— 3	SE	3	of	1	39	34	—		
London	30.60	35	SSN	2	cg	30.65	+ 08	34	34	+ 1	SSE	1	ogm	*	37	33	—		
Oxford	30.61	34	Z	0	of	30.63	+ 07	34	33	— 1	Z	0	of	*	36	33	0.01		
Cambridge	30.62	33	S	1	o	30.67	+ 09	35	35	+ 3	S	1	om	*	35	31	—		
Yarmouth	30.59	35	SW	1	c	30.64	+ 06	35	35	0	WSN	1	f	1	37	33	—		
The Helder	*	*	*	*	*	30.64	+ 05	37	36	+ 1	SW	1	c	*	*	*	*		
Cape Gris Nez	30.61	33	Z	0	m	30.67	+ 10	29	29	— 1	SE	1	m	0	37	28	—		
Jersey	30.61	35	ENE	3	om	30.65	+ 07	32	31	0	NE	1	om	1	35	32	—		
Brest	30.57	39	Z	0	o	30.58	+ 01	35	32	— 6	ESE	3	o	2	46	30	—		
Lorient	30.54	31	E	4	o	30.54	+ 01	34	30	+ 4	SE	4	m	4	?	28	—		
Rochefort	30.49	36	NE	5	o	30.55	+ 08	36	34	— 1	E	5	o	2	48	31	—		
Biarritz	30.47	42	NN	4	b	30.47	00	34	32	— 9	SE	5	b	4	50	30	—		
Corunna	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Brussels	*	*	*	*	*	30.68	+ 10	29	29	+ 1	Z	0	f	*	34	34	—		
Charleville	?	30	SSN	4	o	?	?	24	?	?	NNN	3	o	*	31	?	—		
Paris	30.62	31	?	3	o	30.64	+ 07	31	31	— 2	NE	1	o	*	*	*	—		
Lyons	30.62	30	SSE	1	o	30.66	+ 10	29	28	— 2	SSE	1	o	*	32	29	—		
Toulon	30.53	40	ENE	3	b	30.54	+ 06	43	40	— 2	Z	0	b	1	48	41	—		

## YESTERDAY'S 0-45 PM REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		Bar.	Dry.	Wet.	Wind.	Wet.	Sea.
Skudesnaes	30.29	44	43	NNW	5	f	Valentia	30.42	51	50	SSE	3	omd
Sumburgh Head	30.32	43	39	W	2	b	Scilly	30.50	51	51	SSE	4	o
Stornoway	30.32	44	42	Z	0	b	Dover	30.59	38	36	ENE	1	cg
Aberdeen	30.37	46	45	Z	0	om	London	30.61	37	35	SSW	1	cg
Shields	30.46	45	45	WSW	2	c	Yarmouth	30.58	37	36	SW	2	o
Ardrossan	30.40	47	46	SSW	4	o	Jersey	30.61	34	33	E	2	om
Mullaghmore	30.39	50	49	SW	4	c	Rochefort	30.50	37	35	NE	5	o
Holyhead	30.50	47	46	SSW	3	m							

Weather is clear and bright in the Shetlands and Hebrides, dull in all other places, with mist, fog or drizzling rain. Wind is E<sup>t</sup> over the Channel, and S<sup>t</sup> elsewhere. Pressure has increased everywhere since the morning, but at Valentia the recovery has ceased since noon.

KINGSTOWN 30.48 47 5 1 30 30.57 + 15 46 45 1 5 4 c 3 51 44 0.01

### EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

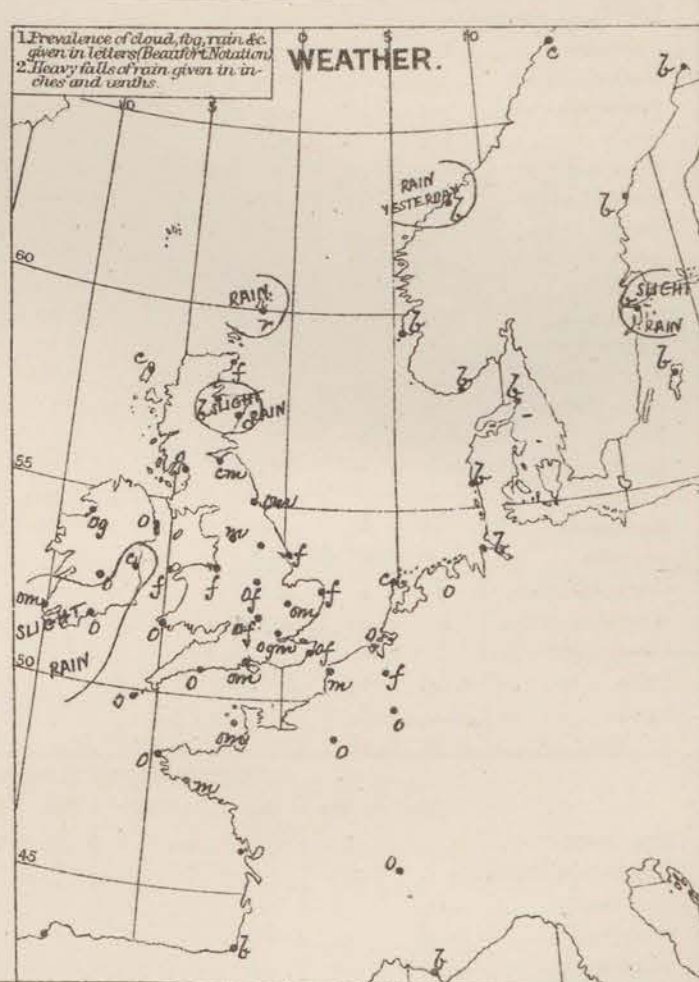
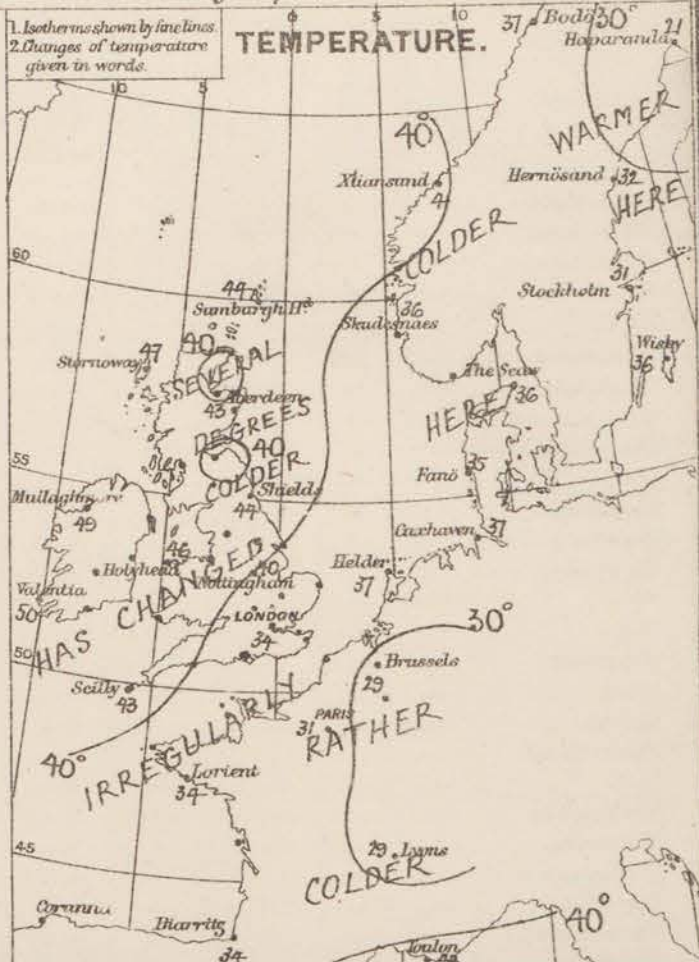
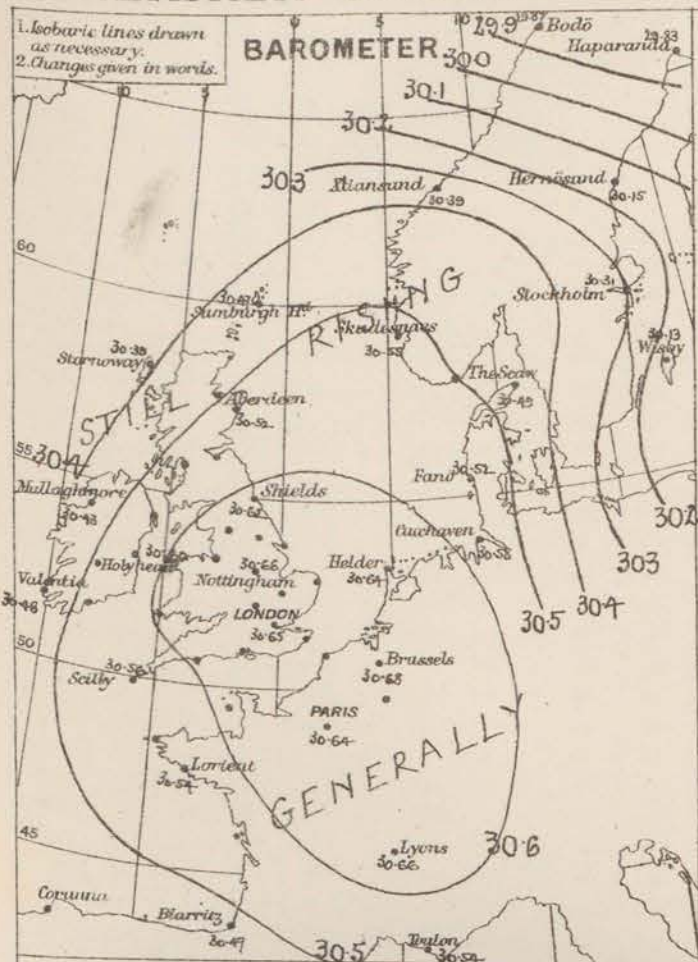
\* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.



WEATHER CHARTS for 8 a.m. on Wednesday 7<sup>th</sup> Jan<sup>y</sup> 1880.



REMARKS The depression noticed off the NW coast of Norway yesterday has since moved away, the barometer has risen over the whole of W<sup>e</sup> Europe, and the anticyclone, the readings at the centre of which exceed 30.6 ins, now embraces the whole of England, the Netherlands and E. of France, while pressure is high and uniform over nearly the whole of our area. Within the area of highest pressure values of light variable airs are reported, but moderate to fresh breezes are experienced elsewhere - from E. over France and the Channel, from S. on our W<sup>e</sup> coasts, from SW. in Scotland, and from W or NW over Scandinavia. Over Norway Sweden and Denmark very fine weather prevails, but elsewhere the sky remains cloudy or overcast with much fog, mist and gloom over England. Scarcely any rain has fallen. Temperature changes are irregular, and in most cases slight, over Ireland the E. of Scotland and at most of the Continental stations the thermometer has fallen, whereas the E. and N. of England it has risen. Readings range from 50° at Valentia to 34° in the S.E. of England and 36° at South and during the night the thermometer fell to 31° at Cambridge and 33° in London. East moderate at 10.0. Wind variable at 10.0. Sea moderate at 10.0.

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Meteorological Office,  
116, Victoria Street, Westminster, S.W.

R. H. SCOTT.  
Secretary.



# DAILY WEATHER REPORT JAN 8<sup>TH</sup> 1880.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Sea. (0 to 9).	SHADE TEMP.					
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).		Max.	Min.	Amount of Rainfall.			
Haparanda	29.82	21	W	2	b	29.74	-0.9	14	14	-7	N	2	e	*	21	12	-		
Hernösand	30.13	38	WNW	4	b	29.70	-0.43	41	40	+9	WNW	6	r	*	41	27	0.04		
Stockholm	30.31	36	NW	4	b	30.01	-0.30	34	32	+3	WNW	4	o	*	36	30	-		
Wisby	30.27	26	N	8	b	30.02	-0.11	26	33	0	WNW	8	o	*	37	28	-		
Bodö	29.91	41	W	6	e	29.89	+0.02	36	33	-1	? S	2	e	2	36	36	-		
Christiansund	30.28	42	WSW	9	o	30.17	-0.22	45	43	+4	WSW	9	r	6	45	36	0.16		
Skudesnaes	30.57	37	E	2	o	30.41	-0.14	39	38	+3	ENE	2	of	2	?	36	0.28		
Oxö (Christiansund)	30.52	33	SW	1	b	30.35	-0.15	41	40	+6	SW	2	b	2	?	36	-		
Skagen (The Skaw)	30.50	33	WNW	2	b	30.24	-0.20	39	38	+3	WNW	4	c	1	39	27	-		
Fanö	30.60	32	WSW	1	b	30.49	-0.03	33	30	-2	WSW	4	c	*	37	30	-		
Cuxhaven	30.70	34	WSW	1	f	30.63	+0.05	35	35	-2	SSE	1	f	2	39	32	-		
Sumburgh Head	30.48	43	SW	3	f	30.42	-0.05	47	46	+3	N	4	o	4	47	39	0.02		
Stornoway	30.42	47	SW	1	o	30.42	+0.03	43	42	-4	SSW	4	e	4	48	40	-		
Wick	30.48	36	NW	1	b	30.48	+0.01	41	40	+1	SW	1	f	0	44	32	-		
Nairn	30.51	42	L	0	b	30.51	+0.03	41	39	+4	SW	1	c	1	46	37	-		
Aberdeen	30.53	43	L	0	bm	30.53	+0.01	37	36	-6	L	0	om	0	48	34	-		
Leith	30.61	46	WSW	2	o	30.56	-0.05	40	39	+4	W	1	bcm	*	50	36	-		
Shields	30.64	48	L	0	om	30.59	-0.03	43	42	-1	L	0	om	0	50	42	-		
Spurn Head																			
York	30.67	44	S	1	m	30.60	-0.04	39	38	-2	S	1	o	*	45	38	0.02		
Nottingham	30.66	43	SSW	1	f	30.61	-0.05	37	36	-3	ESE	1	o	*	43	35	0.03		
Ardrossan	30.59	41	WSW	3	o	30.55	-0.04	43	41	-3	E	1	f	0	47	37	-		
Mallaghmore	30.54	46	SSW	4	cg	30.50	+0.07	42	39	-7	SW	3	og	4	50	41	-		
Donaghadee	30.64	45	SSW	2	o	30.54	-0.01	45	43	-7	S	2	o	1	48	43	-		
Parsonstown	30.60	43	SE	2	o	30.54	-0.01	40	38	-6	SE	1	o	2	45	40	-		
Holyhead	30.64	45	L	0	b	30.58	-0.05	43	43	-3	SSE	1	f	0	48	42	-		
Liverpool (Bidston)	30.64	45	SE	1	o	30.58	-0.03	38	36	-5	ESE	2	f	1	46	38	-		
Valentia	30.53	46	SE	4	o	30.47	-0.01	44	40	-6	SSE	4	o	4	51	43	-		
Roche's Point	30.55	46	SSE	5	o	30.48	-0.04	43	41	-4	SE	4	o	4	49	42	-		
Pembroke	30.62	41	ESE	2	o	30.54	-0.07	38	36	-3	ESE	3	o	2	43	37	-		
Scilly	30.56	42	SSE	4	o	30.49	-0.07	42	40	-1	E	4	o	4	43	40	-		
Prawle Point	30.60	38	E	4	o	30.51	-0.09	35	34	-5	ESE	4	m	4	41	33	-		
Hurst Castle	30.63	37	E	4	o	30.56	-0.07	35	34	-1	SE	3	om	4	38	35	0.03		
Dover	30.69	34	ESE	2	om	30.60	-0.06	32	32	-2	SE	2	of	1	35	31	-		
London	30.66	36	SE	3	o	30.60	-0.05	32	32	-2	SSE	1	ogd	*	39	32	0.01		
Oxford	30.66	36	L	0	o	30.59	-0.04	32	32	-2	L	0	od	*	37	32	0.01		
Cambridge	30.66	38	S	1	o	30.60	-0.07	36	36	+1	SE	1	om	*	38	34	-		
Yarmouth	30.68	37	L	0	f	30.61	-0.03	38	37	+3	L	0	of	1	38	34	-		
The Helder	*	*	*	*	*	30.62	-0.02	37	37	0	SW	1	f	*	*	*	*		
Cape Gris Nez	30.67	29	ESE	1	f	30.62	-0.05	28	28	-1	SW	1	m	0	32	27	-		
Jersey	30.64	31	E	2	o	30.57	-0.08	31	30	-1	SE	2	om	2	32	29	-		
Brest	30.60	34	SE	3	o	30.50	-0.08	32	31	-3	N	1	o	4	46	30	-		
Lorient	30.56	33	E	4	m	30.49	-0.05	33	33	-1	SE	4	m	3	36	30	-		
Rochefort	?	38	?	3	o	30.52	-0.03	32	31	-4	SE	4	m	2	48	?	-		
Biarritz	30.48	43	ENE	3	b	30.48	+0.01	42	37	+8	SE	3	bc	4	50	34	-		
Corunna	*	*	*	*	*									*	*	*	*		
Brussels	*	*	*	*	*	30.62	-0.06	30	29	+1	ESE	1	f	*	31	29	-		
Charleville	?	28	N	3	o	?	?	27	?	+3	WNW	3	o	*	30	27	-		
Paris	30.67	31	?	1	o	30.59	-0.05	29	28	-1	ENE	1	o	*	*	*	-		
Lyons	30.64	29	WNW	1	o	30.61	-0.05	26	26	-3	N	1	o	*	31	26	-		
Toulon	30.52	46	SW	2	b	30.52	-0.02	41	35	-2	WNW	3	b	2	50	41	-		

## YESTERDAY'S 045PM REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes ...	30.58	38	?	ENE	1	b	2	Valentia ...	30.53	49	46	SE	4	c	4
Sumburgh Head	30.47	44	44	S	3	f	3	Scilly ...	30.58	43	41	SSE	6	o	6
Stornoway ...	30.42	48	46	SSW	6	e	5	Dover ...	30.67	34	33	SE	2	of	1
Aberdeen ...	30.51	47	45	SSW	3	b	1	London ...	30.68	39	37	SW	1	ogf	*
Shields ...	30.63	47	45	WSW	2	om	2	Yarmouth ...	30.64	37	36	WSW	1	f	1
Ardrossan ...	30.59	44	45	SW	3	o	2	Jersey ...	30.66	32	31	NE	2	om	2
Mullaghmore ...	30.50	49	46	SSW	6	c	5	Rochefort ...	30.54	39	37	E	4	o	2
Holyhead ...	30.64	47	46	SSW	1	o	0								

The changes since the morning have been slight and unimportant. Temperature is very low on our south coast and at Jersey.

KINGSTOWN 30.61 43 SSE 2 b 30.56 -0.01 43 40 -3 SE 3 0 3 48 39 0.01

## EXPLANATION OF COLUMNS.

**WEATHER.**—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

\* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

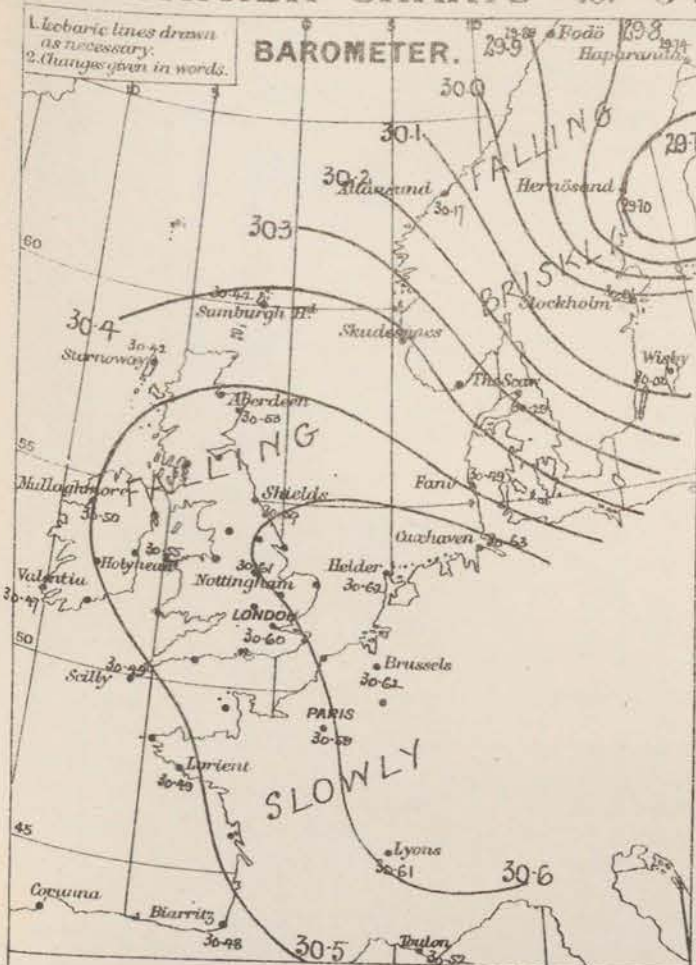
N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.



# WEATHER CHARTS for 8 a.m. on Thursday 8<sup>th</sup> January 1880.

1. Isobaric lines drawn as necessary.  
2. Changes given in words.

## BAROMETER.



1. Isotherms shown by fine lines.  
2. Changes of temperature given in words.

## TEMPERATURE.



Arrows fly with the wind.  
Force 0 to 1 - a Force 2 to 10 -  
2, 4, 6, 8, 10 - above 10 -  
5, 7, 9 -  
Dark curved arrow shows apparent general motion of air.  
Sea disturbance ( ) - rough in shading. ( ) - high.

## WIND & SEA.



1. Prevalence of cloud, fog, rain, &c. given in letters (Beaufort Notation).  
2. Heavy falls of rain given in inches and tenths.

## WEATHER.



**REMARKS.** The weather this morning is less settled generally, than it was yesterday. The barometer remains high (rather above 30.6 in) over Holland, Belgium and the SE. of England, but is falling both over the Bay of Biscay and the S<sup>th</sup> and SW<sup>th</sup> parts of our Islands, and also over Scandinavia. SW breezes consequently prevail in all the former districts, and are accompanied by dull, cold damp misty weather, while at Scarborough Heads and on the shores of Denmark the wind is W<sup>th</sup>, and the weather, though rather cloudy is fair and dry. On our N. and NE. coasts S<sup>th</sup> and calm are reported with fair weather. Temperature varies from between 27° and 32° in the SE<sup>th</sup> districts to about 43° on our SW. and NW coasts, and 47° in the Shetlands.

The system of low pressure in the N. seems to be passing away towards the Baltic, but that in the SW. and S is spreading over and over us so that SE<sup>th</sup> and S winds with dull wet weather seems likely to become general before long.

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116, Victoria Street, Westminster, S.W.

R. H. SCOTT.  
Secretary.



# DAILY WEATHER REPORT

9<sup>th</sup> JAN<sup>y</sup>

1880.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.									PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.	
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.		
Haparanda ...	30.04	8	WSW	2	b	30.19	+ .45	0	- 1	- 14	Z	0	b	*	16	- 2	-	
Hernösand ...	30.13	27	Z	0	b	30.23	+ .53	28	28	- 13	Z	0	o	*	43	23	0.04	
Stockholm ...	30.16	30	N	2	b	30.26	+ .25	28	26	- 6	NW	2	b	*	39	28	-	
Wisby ...	30.02	30	N	8	b	30.14	+ .12	33	31	- 3	NNE	6	o	*	41	28	-	
Bodö ...																		
Christiansund ...	30.21	45	W	6	f	30.29	+ .12	43	42	- 2	W	2	f	5	45	36	0.35	
Skudesnaes ...	30.00	45	NW	4	b	30.39	- .02	44	43	+ .5	N	2	o	2	45	39	-	
Oxö (Christiansund) ...																		
Skagen (The Skaw) ...	30.24	38	NW	3	b	30.27	- .02	35	35	- 4	NW	2	o	*	41	28	-	
Fanö ...	30.37	40	W	4	o	30.36	- .13	41	41	+ 8	NW	4	o	*	41	?	-	
† Cuxhaven ...	30.52	29	WSW	3	f	30.44	- .19	41	41	+ 6	NW	5	o	2	?	34	-	
Sumburgh Head ...	30.41	45	W	2	o	30.34	- .08	39	37	- 8	Z	0	m	2	47	37	-	
Stornoway ...	30.35	44	SW	5	o	30.24	- .18	43	41	0	SW	6	o	5	46	40	-	
Wick ...	30.43	39	Z	0	b	30.32	- .16	34	33	- 7	Z	0	b	0	44	30	-	
Nairn ...	30.46	36	Z	0	b	30.33	- .18	30	29	- 11	Z	0	b	1	42	30	-	
Aberdeen ...	30.47	39	SW	1	b	30.38	- .15	36	35	- 1	SSW	1	b	1	43	35	-	
Leith ...	30.50	43	Z	0	o	30.44	- .12	38	36	- 2	SW	2	o	*	45	32	-	
Shields ...	30.55	42	WSW	1	o	30.50	- .09	37	35	- 6	SSW	2	o	0	43	37	-	
Spurn Head ...	30.55	39	SE	1	o	30.51		35	34		SSE	4	og	3	42	34	-	
York ...	30.57	39	SSW	1	o	30.52	- .08	35	34	- 4	SSW	1	o	*	40	34	-	
Nottingham ...	30.57	38	ESE	2	o	30.55	- .06	33	32	- 4	S	3	o	*	38	32	0.03	
Ardrossan ...	30.48	40	SSW	2	m	30.42	- .13	40	37	- 3	S	3	o	2	44	39	-	
Mullaghmore ...	30.43	40	S	4	og	30.31	- .19	39	36	- 3	S	5	o	4	42	37	-	
Donaghadee ...	30.49	42	S	3	o	30.42	+ .14	39	38	- 6	SW	3	o	2	45	38	-	
Parsonstown ...	30.49	37	SE	3	o	30.38	- .16	39	37	- 1	SE	1	o	0	41	36	-	
Holyhead ...	30.51	41	SSW	2	m	30.46	- .09	36	35	- 7	SSE	2	m	1	44	36	-	
Liverpool (Bidston) ...	30.54	35	SE	1	o	30.57	- .07	31	29	- 7	SSE	1	o	1	38	31	-	
Valentia ...	30.39	44	SE	4	o	30.29	- .18	44	42	0	SE	5	cm	4	45	42	-	
Roche's Point ...	30.42	44	SE	4	o	30.39	- .09	43	41	0	S	4	o	4	47	42	-	
Pembroke ...	30.49	36	ESE	3	o	30.43	- .11	41	39	+ 3	SE	3	o	3	41	35	-	
Scilly ...	30.45	46	E	3	o	30.41	- .08	45	43	+ 3	SE	4	o	4	45	38	-	
Prawle Point ...	30.50	35	ESE	3	m	30.44	- .07	40	38	+ 5	ESE	3	o	3	41	33	-	
Hurst Castle ...	30.53	35	ESE	3	o	30.53	- .03	34	33	- 1	NNE	2	and	3	36	34	-	
Dover ...	30.57	32	S	1	o	30.56	- .04	34	33	+ 2	SE	1	o	1	35	30	0.01	
London ...	30.58	32	SE	1	om	30.56	- .04	30	29	- 2	SE	1	og	*	34	29	-	
Oxford ...	30.56	32	E	1	o	30.56	- .03	29	?	- 3	Z	0	o	*	33	29	-	
Cambridge ...	30.56	36	Z	0	o	30.56	- .04	32	31	- 4	Z	0	o	*	37	31	0.01	
Yarmouth ...	30.57	37	Z	0	of	30.57	- .04	34	33	- 4	Z	0	o	1	35	32	-	
The Helder ...	*	*	*	*	*	30.51	- .11	39	39	+ 2	W	1	o	*	*	*	*	
Cape Gris Nez ...	30.58	27	SE	1	m	30.56	- .06	30	30	+ 2	E	1	m	0	?	27	-	
Jersey ...	30.54	35	S	2	om	30.52	- .05	33	32	+ 2	E	2	om	2	36	31	-	
Brest ...	30.45	35	E	3	o	30.43	- .07	37	35	+ 5	ESE	3	o	2	?	?	0.04	
Lorient ...	30.43	35	SE	5	m	30.43	- .07	33	33	0	SE	5	m	3	41	30	0.08	
Rochefort ...	30.52	32	E	5	m	30.46	- .06	36	36	+ 4	E	5	o	2	46	?	-	
Biarritz ...	?	46	E	3	b	30.43	- .05	37	34	- 5	SSW	4	b	3	30	32	-	
Corunna ...	*	*	*	*	*				*						*	*	*	
Brussels ...	*	*	*	*	*	30.56	- .06	31	30	+ 1	Z	0	f	*	32	29	-	
Charleville ...	?	32	SSW	3	o	?	?	27	?	0	W	4	o	*	33	?	-	
Paris ...	30.59	30	?	3	o	30.54	- .05	30	30	+ 1	N	3	o	*	*	*	-	
Lyons ...																		
Toulon ...	30.47	42	SW	3	b	30.44	- .08	40	38	- 1	Z	0	b	1	46	39	-	

## YESTERDAY'S 045 PM REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes ...	30.38	44	44	WNW	4	f	2	Valentia ...	30.45	45	41	SSW	3	o	4
Sumburgh Head ...	30.42	46	45	W	4	c	4	Scilly ...	30.47	41	39	ESE	4	o	4
Stornoway ...	30.42	45	43	SW	5	o	4	Dover ...	? 30.58	32	32	SE	2	om	1
Aberdeen ...	30.51	41	39	SSW	1	b	0	London ...	30.60	34	33	SE	2	ogm	*
Shields ...	30.58	43	42	Z	0	om	0	Yarmouth ...	30.59	38	38	Z	0	o	1
Ardrossan ...	30.52	44	42	SE	2	m	1	Jersey ...	30.56	33	31	SSE	3	og	2
Mullaghmore ...	30.49	42	38	SW	4	e	3	Rochefort ...	30.61	33	?	ESE	5	m	2
Holyhead ...	30.54	43	42	SSE	1	m	0								

Hardly any change has occurred since the morning. In London, however, the air is less damp than it was at 8 a.m. and the drizzling mist has ceased.

KINGSTOWN. 30.49 | 42 | SSE | 2 | m | 30.43 | - .13 | 40 | 38 | - 3 | SSE | 3 | o | 3 | 46 | 36 | -

## EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is, b. blue sky; o. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

\* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

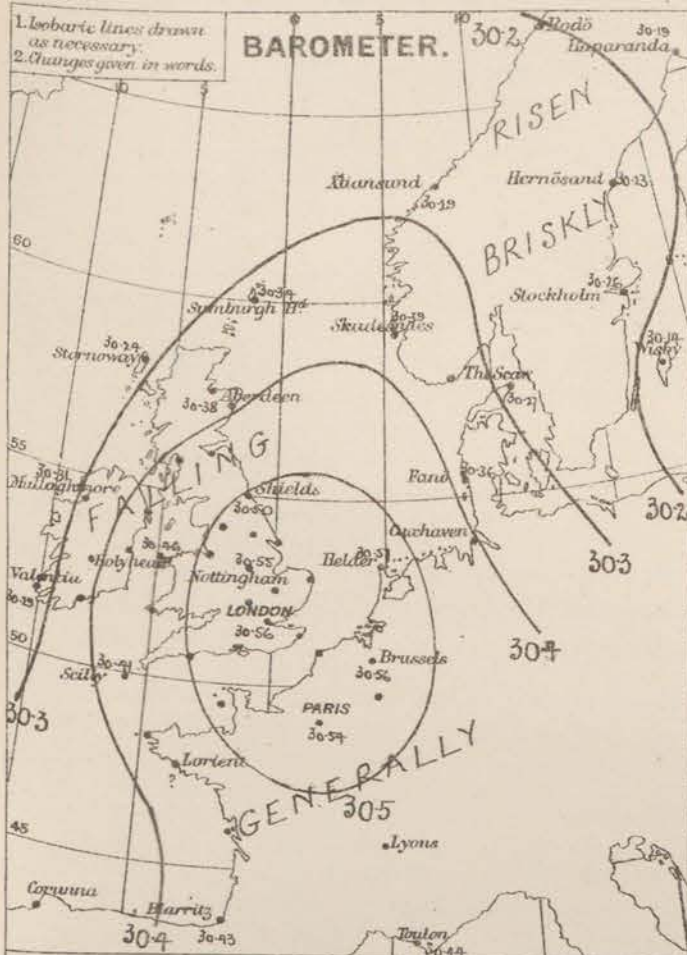
N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.

‡ Received too late for insertion in Charts.

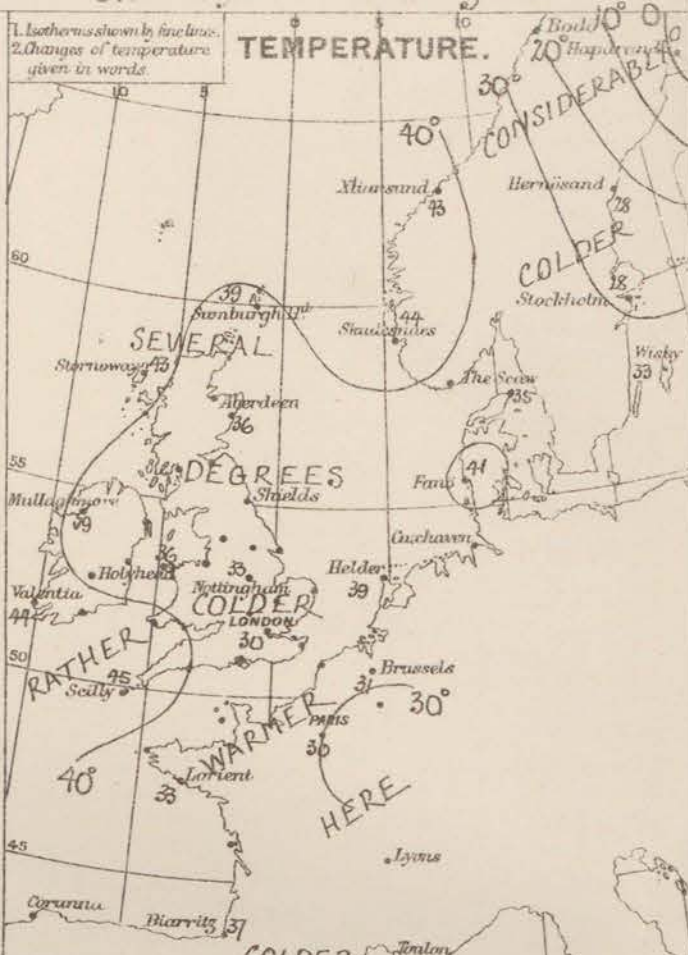


# WEATHER CHARTS for 8 a.m. on *Fri* day 9<sup>th</sup> January 1880.

1. Isobaric lines drawn as necessary.  
2. Changes given in words.



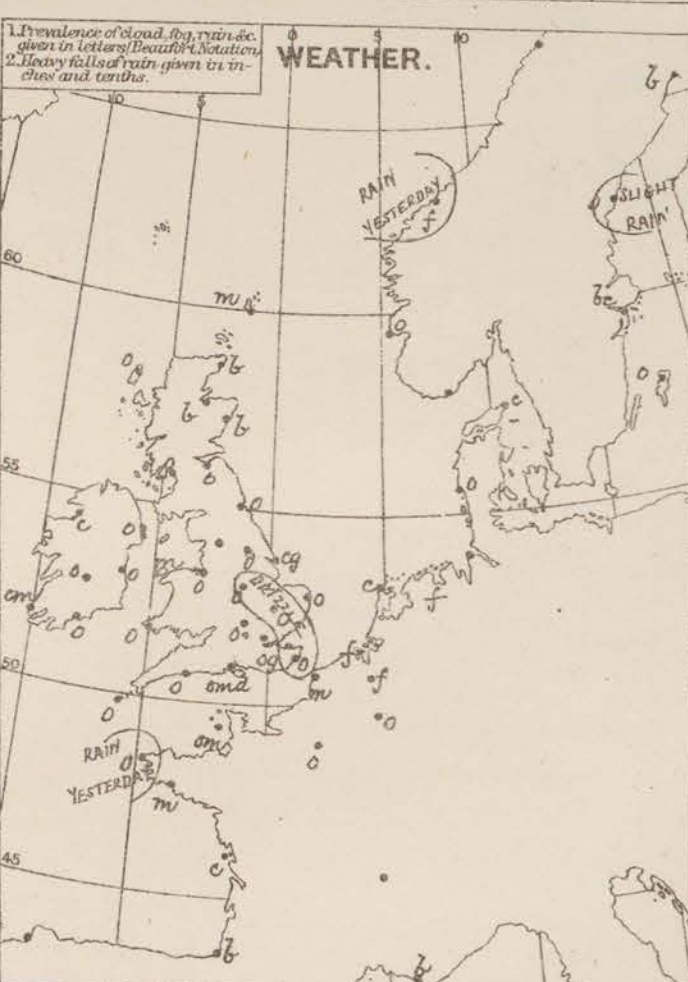
1. Isotherms shown by fine lines.  
2. Changes of temperature given in words.



Arrows fly with the wind.  
Force 0 to 10 →  
2, 4 → above 10 →  
5, 7 →  
Dark curved arrow shows apparent general motion of air.  
Sea disturbance: [hatched] = rough, [dotted] = high.



1. Prevalence of cloud, fog, rain, &c. given in letters; Beaufort notation.  
2. Heavy falls of rain given in inches and tenths.



**REMARKS.** The area of high pressure recently noticed in the SE, now lies over England the N. of France and the Netherlands but the highest readings are about 0.1 in. lower than they were yesterday. As our W. coasts gradients for S. winds are increasing somewhat. The winds reported are light to moderate generally - E. over France, S. over W. coasts, W. in the Hebrides and W. to NW. on the E. shores of the North Sea. Temperature is low, especially at the island stations situated in the S. of England, where the readings are about 30°, or from 14° to 16° lower than those at Stromness, Valentia and Scilly. The sky is very gloomily overcast in England and rather cloudy in Ireland, but is clear at several of the Scotch stations. The sea is moderate in the extreme SW and W, smooth at Dover and Holyhead. The barometer is now inclined to rise over Scandinavia, while it is falling over our Islands - most in the W. - so that the SE. and S. winds seems likely to become more general on our coasts, and to freshen somewhat in force.

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Meteorological Office,  
116, Victoria Street, Westminster, S.W.

R. H. SCOTT.  
Secretary.



# DAILY WEATHER REPORT JAN 10<sup>th</sup> 1880.

STATIONS.	+ YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	Reading at 32° F. and Sea Level.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.	
			Dir.	Force. (0 to 12).			Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).	Max.			Min.			
Haparanda	30.35	-5	Z	0	b	30.29	+10	44	44	+14	SE	2	0	*	14	-6	-		
Hernösand	30.40	20	Z	0	b	30.50	+27	18	18	-10	Z	0	0	*	32	16	-		
Stockholm	30.41	30	NN	2	0	30.57	+31	31	28	+3	N	2	c	*	36	27	-		
Wibby	30.26	34	N	2	0	30.41	+27	33	32	0	NE	3	0	*	37	30	-		
Bodö	30.20	35	SW	2	0	30.14		42	40		SW	6	0	4	?	32	-		
Christiansund	30.35	42	SW	1	c	30.41	+12	40	40	-3	SW	1	c	4	43	34	0.04		
Skudesnaes	30.41	14	Z	0	f	30.52	+13	?	38	?	E	2	0	0	45	1	-		
Oxö (Christiansund)	30.40	35	NNN	1	b	30.50		31	30		NNN	1	c	1	39	28	-		
Skagen (The Skaw)	30.42	36	ESE	2	b	30.54	+27	36	36	+1	SE	3	c	0	37	28	-		
Faro	30.43	40	NW	4	0	30.56	+20	38	38	-3	N	3	0	*	41	37	-		
Cuxhaven	30.47	39	NNN	2	0	30.56	+12	36	36	-5	NE	1	f	*	41	36	-		
Sumburgh Head	30.26	41	SSE	3	c	30.27	-07	41	40	+2	SW	1	c	3	42	37	0.03		
Stornoway	30.30	42	SW	6	0	30.32	+08	45	45	+2	SW	4	0	4	46	40	-		
Wick	30.27	37	S	1	b	30.40	+08	38	37	+4	S	1	c	0	40	27	-		
Nairn	30.28	36	Z	0	b	30.38	+05	42	40	+12	N	1	b	1	42	30	0.01		
Aberdeen	30.31	36	SW	2	b	30.44	+06	28	27	-8	SW	1	b	1	39	28	-		
Leith	30.44	36	N	2	0	30.49	+05	30	30	-8	Z	0	b	*	40	29	-		
Shields	30.49	35	SW	3	0	30.57	+07	30	29	-7	SW	2	m	0	37	29	-		
Spurn Head	30.51	37	SW	3	0	30.57	+06	33	32	-2	SW	4	cm	4	37	30	-		
York	30.51	38	SW	1	0	30.60	+08	33	32	-2	SW	1	0	*	37	31	-		
Nottingham	30.56	32	S	1	0	30.61	+06	32	31	-1	SW	1	0	*	33	30	-		
Ardrossan	30.39	41	SW	4	0	30.48	+06	39	38	-1	E	2	cm	1	43	36	-		
Mullaghmore	30.26	46	SW	5	og	30.37	+06	44	41	+5	SSE	4	b	3	47	38	-		
Donaghadee	30.41	38	SW	1	b	30.48	+06	40	40	+1	N	2	0	1	42	35	-		
Parsonstown	30.38	42	SSE	2	0	30.43	+05	41	39	+2	SE	3	0	0	44	35	-		
Holyhead	30.44	41	S	2	0	30.56	+10	37	36	+1	SW	1	f	0	43	36	-		
Liverpool (Bidston)	30.49	31	SE	3	b	30.56	+05	31	30	0	SE	2	m	1	35	30	-		
Valentia	30.39	46	SSE	6	alg	30.35	+06	46	42	+2	SE	4	c	4	48	44	0.05		
Roche's Point	30.41	45	S	5	0	30.41	+02	45	43	+2	S	5	0	4	47	41	-		
Pembroke	30.45	42	SE	3	0	30.49	+06	33	32	-8	ESE	4	cm	3	43	33	-		
Scilly	30.42	45	SE	6	0	30.42	+01	40	40	-5	ENE	6	cm	5	45	39	-		
Prawle Point	30.49	37	E	3	0	30.43	-01	37	35	-3	ENE	5	0	4	43	34	-		
Hurst Castle	30.53	32	E	2	od	30.51	-02	38	36	+4	SE	3	0	3	39	?	0.01		
Dover	30.54	35	ESE	2	a	30.55	-01	40	39	+6	E	3	c	2	40	34	0.02		
London	30.56	32	SE	2	og	30.55	-01	35	34	+5	E	1	alg	*	35	30	-		
Oxford	30.54	30	E	1	0	30.56	00	32	32	+3	NE	1	0	*	32	29	-		
Cambridge	30.55	32	Z	0	0	30.60	+04	33	32	+1	N	0	0	*	33	28	-		
Yarmouth	30.54	36	Z	0	b	30.59	+02	37	36	+3	NNE	2	og	2	37	32	-		
The Helder	*	*	*	*	*	30.57	+06	38	37	-1	NNE	1	c	*	*	*	*		
Cape Gris Nez	30.54	32	ESE	1	m	30.56	00	34	34	+4	E	1	f	0	34	30	-		
Jersey	30.51	28	E	3	m	30.47	+05	28	27	-5	E	3	cm	3	34	28	-		
Brest	30.40	38	SE	3	b	30.39	-04	?	30	?	ENE	4	0	3	43	28	-		
Lorient	30.35	30	ESE	5	m	30.35	?	27	26	-6	E	5	m	3	34	25	0.08		
Rochefort	30.37	30	SE	7	m	30.33	-13	28	27	-8	E	8	m	5	45	?	-		
Biarritz	30.30	46	ESE	4	0	30.24	-19	45	41	+8	SSE	4	T	4	34	39	0.16		
Corunna	*	*	*	*	*										*	*	*		
Brussels	*	*	*	*	*	30.55	-05	34	34	+3	E	1	f	*	34	33	0.16		
Charleville	?	29	SW	4	0	?	?	35	?	+8	NNN	4	0	*	36	25	-		
Paris	30.51	31	?	3	0	30.47	-07	32	32	+2	SW	1	b	*	*	*	-		
Lyons	30.49	27	N	1	0	30.48	-07	24	23	-3	N	1	0	*	30	24	-		
Toulon	30.24	45	Z	0	b	30.38	-06	41	37	+1	NE	3	b	2	46	39	-		

## YESTERDAY'S 0.45 PM REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.
Skudesnaes	30.39	41	41	NN	4	f	Valentia	30.30	47	45	SE	6	0
Sumburgh Head	30.33	41	39	S	3	0	Scilly	30.42	45	44	SE	6	0
Stornoway	30.21	42	40	SW	7	0	Dover	30.54	36	34	SE	2	0
Aberdeen	30.24	39	36	SW	3	0	London	30.55	33	32	SE	1	0
Shields	30.49	35	34	SW	3	0	Yarmouth	30.52	35	34	SW	1	0
Ardrossan	30.43	39	36	SW	4	0	Jersey	30.50	33	33	ESE	3	0
Mullaghmore	30.30	43	39	SSE	6	cm	Rochefort	30.45	31	30	E	7	0
Holyhead	30.47	40	39	S	2	m							

The barometer has ceased falling on our SW coast, but a slight fall has taken place in the extreme NW, and the wind is increasing in force from SE. at the SW stations and from SW in the N.

KINGSTOWN 30.41 40 S 1 b 30.46 +03 42 39 +2 SW 1 0 2 46 29

## EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

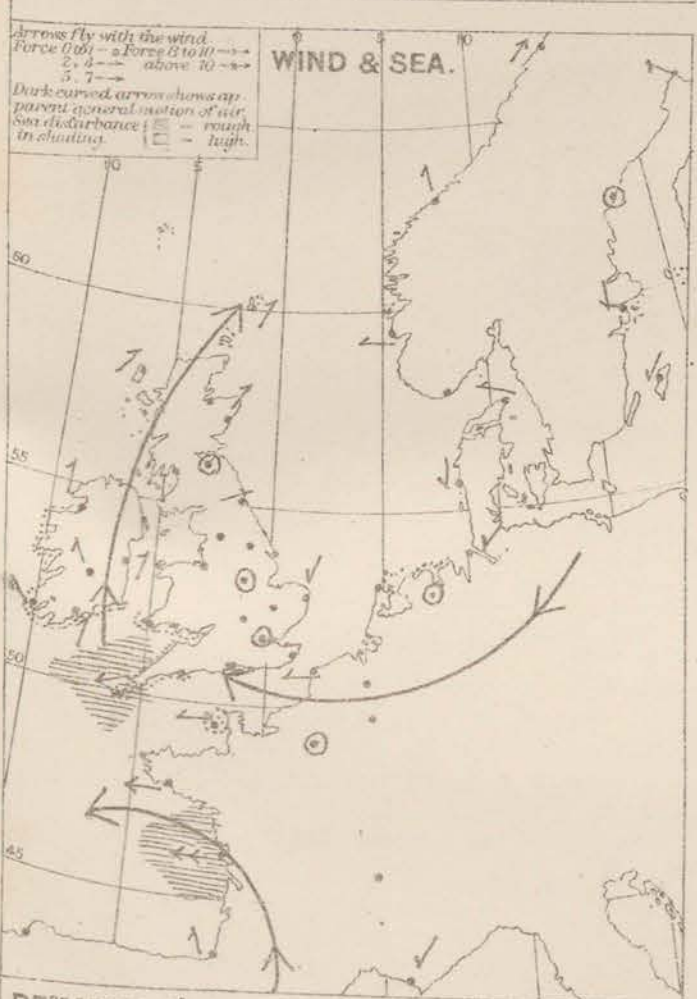
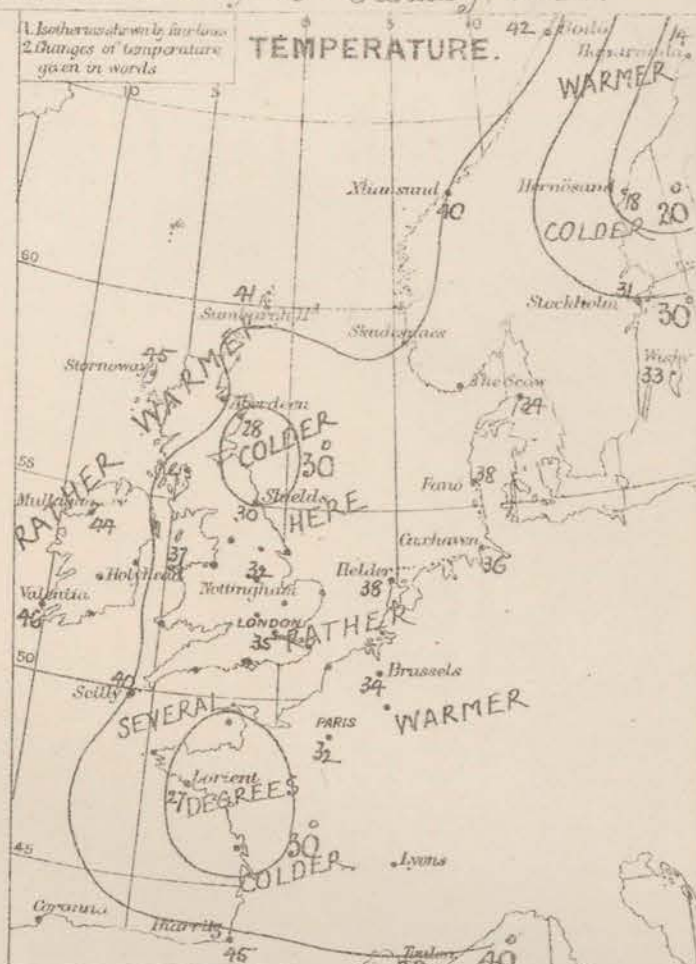
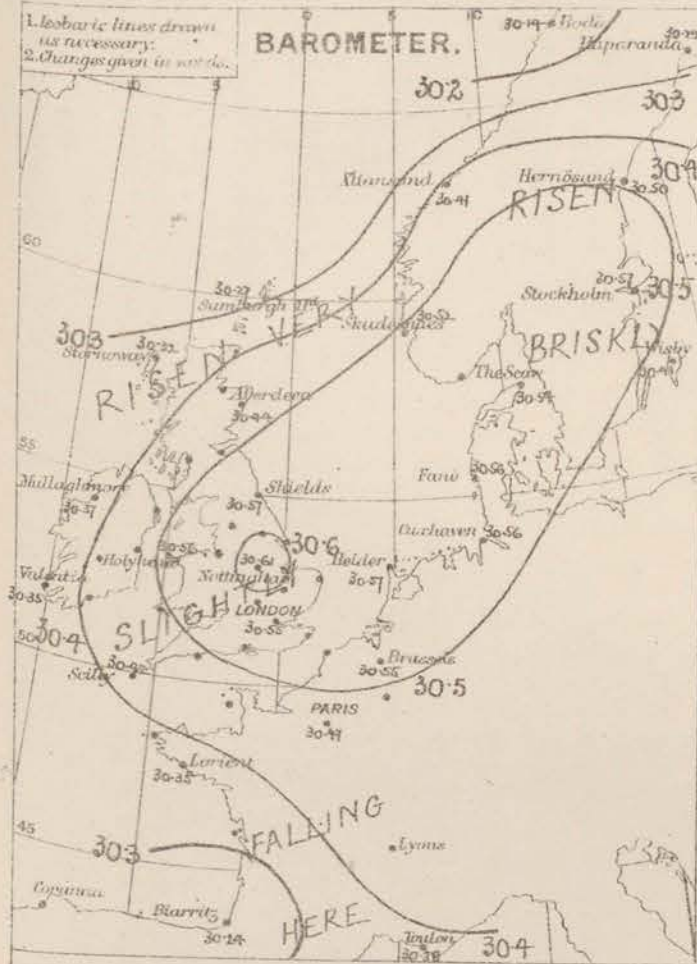
\* AN ASTERISK is inserted in all places for which information is not usually received.

+ The evening observations are taken at 6 p.m. in our Islands, at 3 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.



WEATHER CHARTS for 8 a.m. on Saturday 10<sup>TH</sup> January, 1880.



The dotted line is drawn where the bones are now flying.

**REMARKS.** The barometer is rising briskly over Scotland and parts of Scandinavia, and slightly in most parts of the British Isles, but is falling over France - rather briskly at Parisity. A large band of high pressure lies over England, the North Sea and E. of Scandinavia, so that while N<sup>w</sup> winds prevail in the Netherlands, E winds are reported from France and the Channel, S winds from Ireland, and W winds from Scotland; while calms or light variable breezes prevail over Central England. Much cloudy and misty weather prevails over nearly the whole of our area, but in parts of Scotland the sky is moderately clear, such as at Douloir and Paris entirely so. Light rain has fallen in a few places and drizzling rain or thick mist was very prevalent yesterday. Temperature has risen slightly over Ireland, the N. of Scotland and N. of France, but has fallen in most other places, most in the NE of England and E. of Scotland. Light frost prevails at our NW stations, and in parts of the W. of France, and readings range over those islands from 46° at Valentia to 28° at Bordeaux, over France from 40° at Parisity to 27° at Poitiers and to E<sup>n</sup> of North Sea from 22° at Bodo to 34° at the Scand. The air is generally moderate to severe. The S. Sea was hoisted on an E. wind.

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R. H. SCOTT, *Secy.*  
Secretary



# DAILY WEATHER REPORT

JAN 11<sup>TH</sup>

1880.

STATIONS.	+ YESTERDAY EVENING.						8 A.M. TO DAY.								PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	Reading at 32° F. and Sea Level.	BAROMETER.		SHADE TEMP.		WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.
			Dir.	Force. (0 to 12).			Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.	
Haparanda	30.19	20	W	2	b	30.28	+ .09	19	19	+ .5	Z	0	o	*	23	12	-
Hernösand	30.44	35	Z	0	b	30.52	+ .02	31	30	+ .13	Z	0	b	*	37	10	-
Stockholm	30.57	29	WSTN	2	c	30.59	+ .02	26	25	- .5	WNW	2	b	*	36	26	-
Wisby	30.50	33	WNW	4	o	30.45	+ .04	32	32	- .1	NNW	4	o	*	37	30	-
Bodö																	
Christiansund																	
Skudesnaes	30.62	40	SSE	2	o	30.65	+ .13	39	37	?	SSE	2	o	3	41	39	-
Oxö (Xiansund)	30.59	37	STN	4	o	30.69	+ .19	27	?	- .4	N	1	g	1	37	23	-
Skagen (The Skaw)	30.63	34	STN	3	f	30.62	+ .08	35	34	- .1	N	3	o	*	37	25	-
Fanö	30.68	32	SSTN	2	o	30.69	+ .13	34	34	- .4	WSTN	2	o	*	?	?	-
Cuxhaven	30.70	35	SSE	1	b	30.76	+ .20	33	33	- .3	E	1	b	*	?	30	-
Sumburgh Head	30.48	44	Z	0	o	30.55	+ .28	42	41	+ .1	S	3	m	3	45	29	-
Stornoway	30.42	44	STN	4	b	30.50	+ .18	40	38	- .5	STN	5	o	5	46	38	-
Wick	30.49	41	S	1	o	30.44	+ .04	39	39	+ .1	S	1	f	1	42	26	0.01
Nairn	30.49	36	Z	0	b	30.54	+ .16	30	29	- .12	Z	0	b	1	45	30	-
Aberdeen	30.50	34	STN	1	b	30.58	+ .14	36	34	+ .8	S	3	og	1	40	28	0.01
Leith	30.59	31	Z	0	c	30.62	+ .13	36	34	+ .6	S	1	o	*	36	29	-
Shields	30.60	33	WSTN	2	o	30.63	+ .06	39	37	+ .9	S	1	o	0	39	29	-
Spurn Head	30.61	39	ENE	2	c	30.62	+ .05	37	35	+ .4	E	5	c	5	40	33	-
York	30.63	35	S	1	o	30.64	+ .04	38	?	+ .5	SE	1	g	*	38	32	-
Nottingham	30.63	35	ESE	2	o	30.62	+ .01	36	35	+ .4	ESE	2	o	*	37	31	-
Ardrossan	30.55	35	SSE	2	b	30.58	+ .10	35	33	- .4	SSE	2	om	1	42	34	-
Mullaghmore	30.44	40	SSE	5	c	30.47	+ .10	40	37	- .4	SSE	5	og	4	45	36	-
Donaghadee	30.56	39	S	4	o	30.57	+ .09	41	38	+ .1	SE	5	c	3	42	37	-
Parsonstown	30.49	38	SE	4	o	30.53	+ .07	40	37	- .1	SE	4	o	*	44	35	-
Holyhead	30.54	38	SSTN	2	o	30.54	- .02	32	32	- .5	Z	0	b	0	40	32	-
Liverpool (Bidston)	30.58	36	ESE	2	o	30.58	+ .02	37	36	+ .6	ESE	2	m	1	38	30	-
Valentia	30.37	43	SE	4	o	30.39	+ .04	45	42	- .1	ESE	3	om	3	48	40	-
Roche's Point	30.43	39	SSE	5	o	30.43	+ .02	44	42	- .1	SSE	5	o	4	45	?	-
Pembroke	30.48	39	ESE	4	o	30.49	00	39	38	+ .6	ESE	3	o	3	41	33	-
Scilly	30.38	42	E	6	o	30.40	- .02	42	41	+ .2	ESE	6	o	5	42	39	-
Prawle Point	30.42	41	ESE	5	o	30.42	- .01	41	40	+ .4	E	6	m	5	43	35	-
Hurst Castle	30.51	40	ESE	4	o	30.50	- .01	38	37	0	ESE	4	o	5	41	38	-
Dover	30.57	39	E	3	c	30.55	00	36	34	- .4	E	4	c	3	41	35	-
London	30.55	39	ESE	2	o	30.56	+ .01	36	34	+ .1	E	4	o	*	40	35	0.01
Oxford	30.55	36	E	1	o	30.56	00	35	34	+ .3	E	1	o	*	38	32	0.01
Cambridge	30.60	38	N	1	o	30.60	00	35	34	+ .2	SE	1	o	*	39	31	0.01
Yarmouth	30.61	38	ENE	3	o	30.62	+ .03	35	34	- .2	E	3	o	3	39	34	-
The Helder	*	*	*	*	*	30.66	+ .09	32	31	- .6	E	2	b	*	*	*	*
Cape Gris Nez	30.56	36	ENE	3	m	30.56	00	32	?	- .2	E	3	m	1	37	32	-
Jersey	30.45	36	E	4	o	30.46	- .01	36	35	+ .8	ESE	3	om	3	37	?	-
Brest																	
Lorient	30.35	28	ESE	7	m	30.35	00	30	27	+ .3	E	5	m	3	30	25	-
Rocheftort	30.35	36	E	7	m	30.37	+ .04	42	42	+ .14	ESE	9	7	2	46	?	-
Biarritz	30.25	46	SSE	4	c	30.31	+ .07	42	38	- .3	S	5	c	3	50	36	0.04
Cornuna	*	*	*	*	*	30.19		46	*		W	2	odf	1	*	*	*
Brussels	*	*	*	*	*	30.58	+ .03	30	29	- .4	E	1	b	*	38	30	-
Charleville	?	37	WNW	5	o	?	?	30	?	- .5	ENE	4	b	*	39	?	-
Paris	30.48	31	?	2	o	30.49	+ .02	34	34	+ .2	STN	1	o	*	*	*	-
Lyons	30.46	27	NE	1	o	30.51	+ .03	26	24	+ .2	E	1	o	*	31	?	-
Toulon	30.36	43	Z	0	b	30.46	+ .08	41	38	0	NE	7	b	2	45	39	-

## YESTERDAY'S 045PM REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes ...	30.57	41	39	SSE	2	o	2	Valentia ...	30.36	47	44	SE	4	og	4
Sumburgh Head	30.44	45	44	STN	1	m	2	Scilly ...	30.41	42	40	E	6	o	5
Stornoway ...	30.39	46	45	STN	4	o	4	Dover ...	30.55	40	39	E	2	og	2
Aberdeen ...	30.48	26	34	STN	1	b	1	London ...	30.56	40	39	ESE	2	od	*
Shields ...	30.59	33	31	WSTN	2	b	0	Yarmouth ...	30.60	39	38	ENE	3	og	2
Ardrossan ...	30.53	42	41	SSE	2	c	2	Jersey ...	30.47	34	32	ESE	3	om	3
Mullaghmore ...	30.43	44	42	SSE	5	c	3	Rocheftort ...	30.35	34	33	E	7	m	2
Holyhead...	30.53	39	37	SSTN	3	o	2								

Pressure still increases in the north, but is shady or inclined to decrease in the south. The wind remains easterly in the south, and southerly in the west and north, and the weather is dull except in the NE.

KINGSTOWN. | 30.53 | 37 | SE | 4 | 0 | 30.53 | + .07 | 41 | 38 | - .1 | SE | 4 | 0 | 4 | 44 | 36 | -

## EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

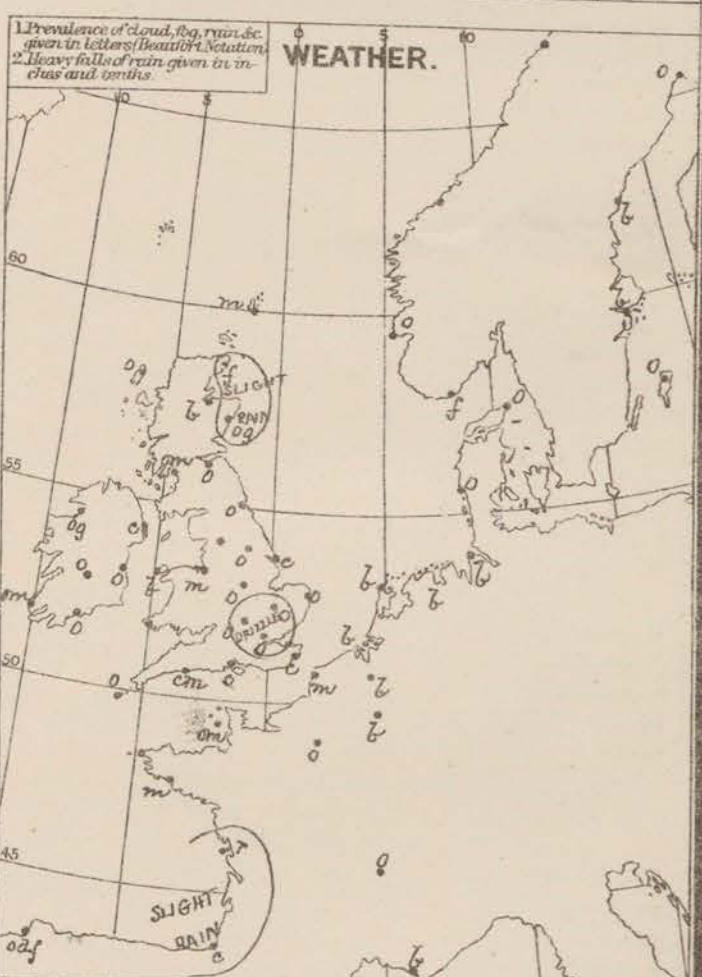
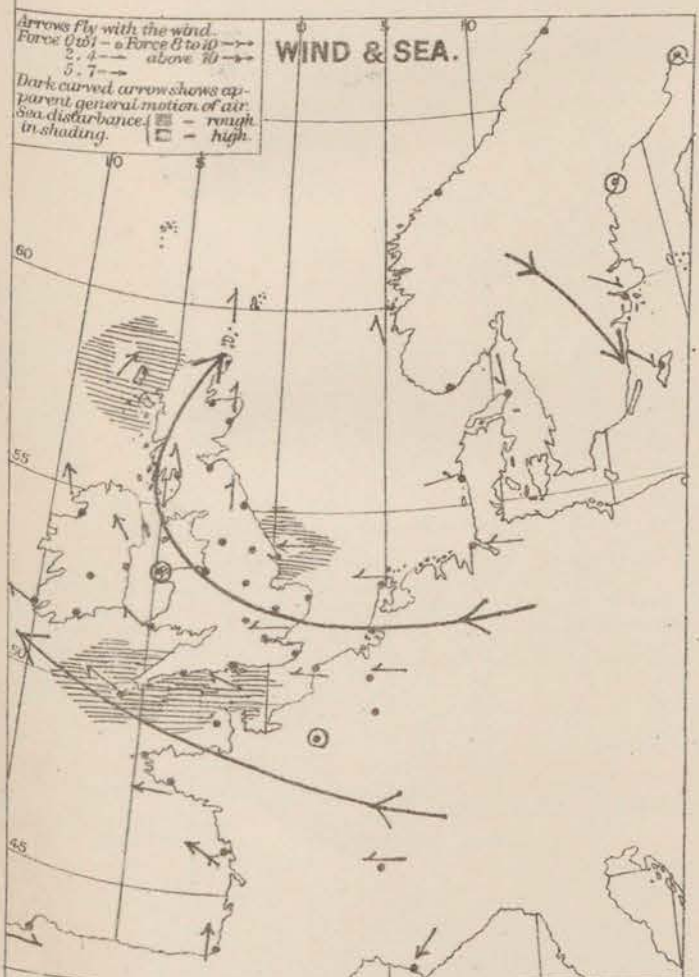
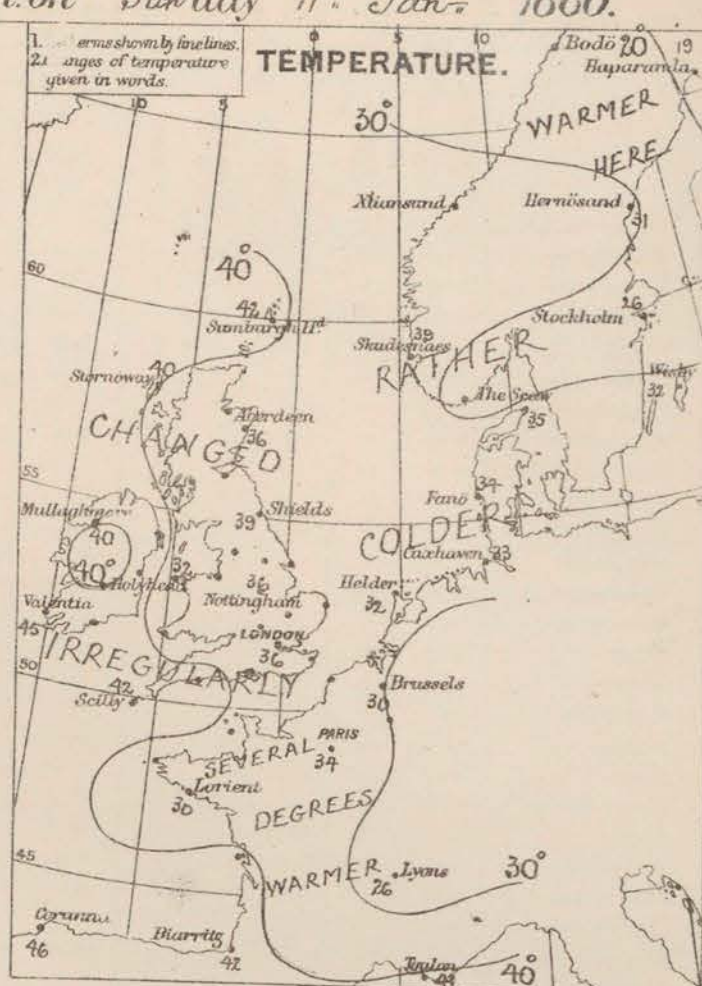
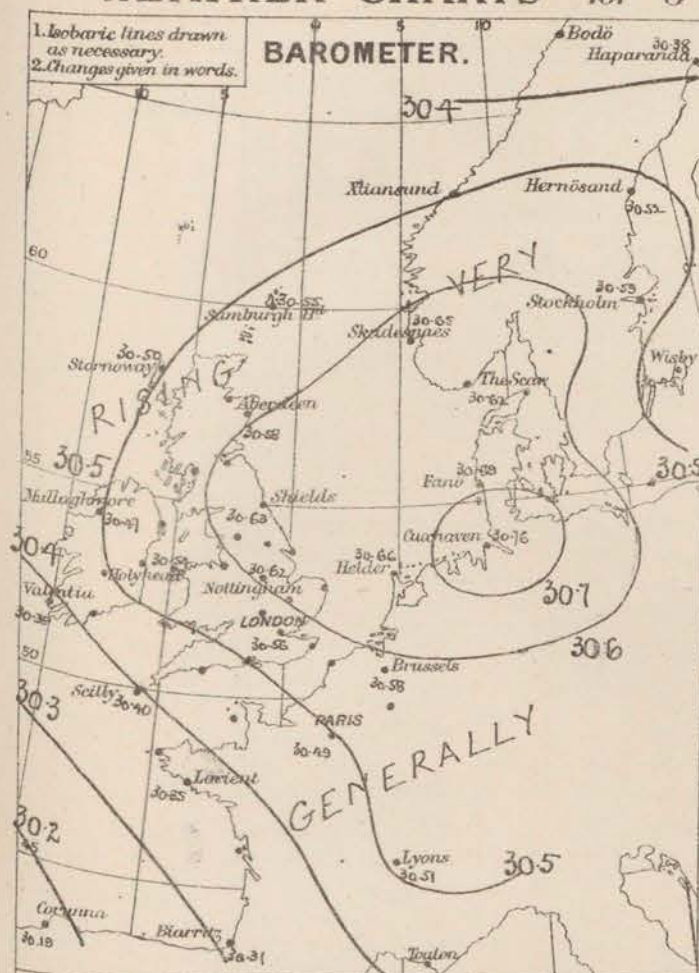
\* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.



WEATHER CHARTS for 8 a.m. on Sunday 11<sup>TH</sup> Jan<sup>Y</sup> 1880.



REMARKS The weather this morning is cloudy and misty over these Islands, but over the Netherlands and N. Germany the sky is quite clear. Scarcely any rain has fallen within our area. The changes in temperature have been very irregular, but there is a tendency towards a decrease at the E. stations. The wind is E. over France, and the greater part of the British Isles, but draws into S. in the N. of Ireland, and over Scotland. Over the Bay of Biscay and over SW. and W. coasts it is fresh to strong in force, but in the E. it is light or moderate. The barometer is rising in all places, and pressure is very high and uniform over the whole of W. Europe. There is a rough sea running in the Channel, and at St. Mary's, but is little disturbed elsewhere.

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*Meteorological Office,  
116, Victoria Street, Westminster, S.W.*

R. H. SCOTT.  
Secretary



# DAILY WEATHER REPORT JANUARY 12<sup>th</sup> 1880.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.								PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.			Sea (0 to 9).	SHADE TEMP.		Amount of Rainfall.
			Direc.	Force (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force (0 to 12).	Weather.		Max.	Min.	
Haparanda	30.08	32	S	4	0	29.98	-.40	30	30	+ 11	NN	2	0	*	32	18	-
Hernösand	30.45	34	Z	0	0	30.27	-.25	42	39	+ 11	W	6	0	*	?	25	-
Stockholm	30.55	26	NN	2	0	30.45	-.14	26	25	0	W	2	0	*	30	23	-
Wisby	30.49	38	NN	4	f	30.39	-.06	31	30	- 1	NN	4	f	*	36	30	-
Bodö	30.10	42	SN	5	r	30.14		38	37		SN	4	e	3	45	34	-
Christiansund	30.53	41	NN	3	0	30.46		41	39	- 2	NN	6	0	4	41	34	-
Skudesnaes	30.67	37	E	2	0	30.61	-.04	37	36	- 2	ENE	1	0	2	39	37	-
Oxö (Klansund)	30.66	27	N	1	f	30.53	-.16	22	22	- 5	N	2	0	1	27	16	-
Skagen (The Skaw)	30.65	37	Z	0	0	30.56	-.06	33	33	- 2	Z	0	0	*	37	27	-
Fanö	30.69	37	NN	1	s	30.64	-.05	38	37	+ 4	W	2	0	*	?	36	-
Cuxhaven	30.78	33	S	1	0	30.72	-.04	34	34	+ 1	NN	1	0	0	34	30	-
Sumburgh Head	30.66	40	SN	3	0	30.57	+ .02	42	40	0	SN	2	0	2	44	37	-
Stornoway	30.51	42	SN	5	0	30.55	+ .05	40	40	0	SN	1	0	1	42	37	-
Wick	30.57	38	Z	0	0	30.60	+ .16	32	31	- 7	SN	1	0	0	42	30	-
Nairn	30.57	28	Z	0	0	30.60	+ .06	25	24	- 5	Z	0	0	1	35	25	-
Aberdeen	30.60	35	SN	1	0	30.62	+ .04	36	34	0	SN	2	0	1	38	35	-
Leith	30.62	37	E	1	0	30.62	00	28	28	- 8	NN	1	0	*	38	25	-
Shields	30.65	37	Z	0	0	30.65	+ .02	35	32	- 4	Z	0	0	0	40	34	-
Spurn Head	30.63	38	E	5	0	30.63	+ .01	35	33	- 2	ESE	5	0	6	38	34	-
York	30.64	36	SN	1	0	30.66	+ .02	34	32	- 4	SSE	1	0	*	39	32	-
Nottingham	30.64	33	NE	2	0	30.66	+ .04	33	32	- 3	ESE	1	0	*	36	32	-
Ardrossan	30.59	33	ENE	2	0	30.61	+ .03	30	29	- 5	ENE	2	0	1	39	30	-
Mullaghmore	30.50	41	SSE	5	0	30.51	+ .04	40	37	0	SE	4	0	3	41	39	-
Donaghadee	30.58	41	S	5	0	30.59	+ .02	37	35	- 4	SSE	4	0	1	42	36	-
Parsonstown	30.53	39	SE	1	0	30.54	+ .04	36	35	- 4	SE	1	0	0	40	36	-
Holyhead	30.52	36	S	1	0	30.55	+ .01	35	33	+ 3	SSE	2	0	1	39	33	-
Liverpool (Bidston)	30.60	32	SE	2	0	30.61	+ .03	33	32	- 4	SE	2	0	1	37	31	-
Valentia	30.40	45	ESE	4	0	30.41	+ .02	45	41	0	SN	3	0	4	47	43	-
Roche's Point	30.47	38	SE	5	0	30.47	+ .04	42	39	- 2	SE	5	0	4	45	40	-
Pembroke	30.52	38	ESE	4	0	30.52	+ .03	35	33	- 4	E	3	0	2	39	34	-
Scilly	30.42	42	ESE	6	0	30.49	+ .09	44	42	+ 2	E	4	0	4	44	41	-
Prawle Point	30.44	39	E	4	m	30.48	+ .06	37	35	- 4	ESE	3	0	4	42	35	-
Hurst Castle	30.53	36	ESE	5	0	30.53	+ .03	36	36	- 2	ESE	4	0	3	38	36	-
Dover	30.58	36	E	4	0	30.59	+ .04	33	31	- 3	SE	3	0	2	37	32	-
London	30.56	36	E	3	0	30.57	+ .01	33	32	- 3	ESE	3	0	*	36	29	-
Oxford	30.59	34	E	1	0	30.60	+ .04	31	30	- 4	Z	0	0	*	36	28	-
Cambridge	30.60	34	E	1	0	30.60	00	34	33	- 2	ESE	1	0	*	37	33	-
Yarmouth	30.62	36	ESE	4	0	30.64	+ .02	35	34	0	ESE	5	0	3	36	34	-
The Helder	*	*	*	*	*	30.67	+ .01	29	28	- 3	E	1	0	*	*	*	*
Cape Gris Nez	30.58	31	ENE	3	m	30.60	+ .04	26	26	- 6	SE	1	0	0	36	?	-
Jersey	30.52	34	ESE	2	0	30.52	+ .06	32	31	- 4	ENE	2	0	2	36	31	-
Brest	30.50	31	ESE	1	0	30.43		38	33		ESE	4	0	3	?	30	-
Lorient	30.39	36	E	5	m	30.41	+ .06	31	29	+ 1	ESE	5	0	4	37	28	-
Rochefort	30.39	32	E	5	m	30.45	+ .08	28	27	- 14	E	5	0	2	46	?	-
Biarritz	30.35	46	SE	4	0	30.40	+ .09	41	39	- 1	SSE	4	0	3	30	37	-
Corunna	*	*	*	*	*			*	*					*	*	*	*
Brussels	*	*	*	*	*	30.61	+ .03	26	?	- 4	Z	4	0	*	36	25	-
Charleville	?	31	ESE	4	0	?	?	21	?	- 9	E	3	0	*	38	20	-
Paris	30.51	35	?	1	0	30.56	+ .07	28	28	- 6	NE	3	0	*	*	*	-
Lyons	30.51	26	N	1	r	30.57	+ .06	24	24	- 2	SE	1	0	*	31	24	-
Toulon	30.45	45	Z	0	0	30.46	00	44	37	+ 3	?	1	0	2	48	39	-

## YESTERDAY'S 045 PM REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		Bar.	Dry.	Wet.	Wind.	Wca.	Sea.
Skudesnaes	30.67	38	36	SSE	2	of	3	Valentia					*
Sumburgh Head								Scilly					
Stornoway								Dover					
Aberdeen								London					
Shields								Yarmouth					
Ardrossan								Jersey					
Mullaghmore								Rochefort	30.39	32	30	SE	7
Holyhead													

KINGSTOWN.

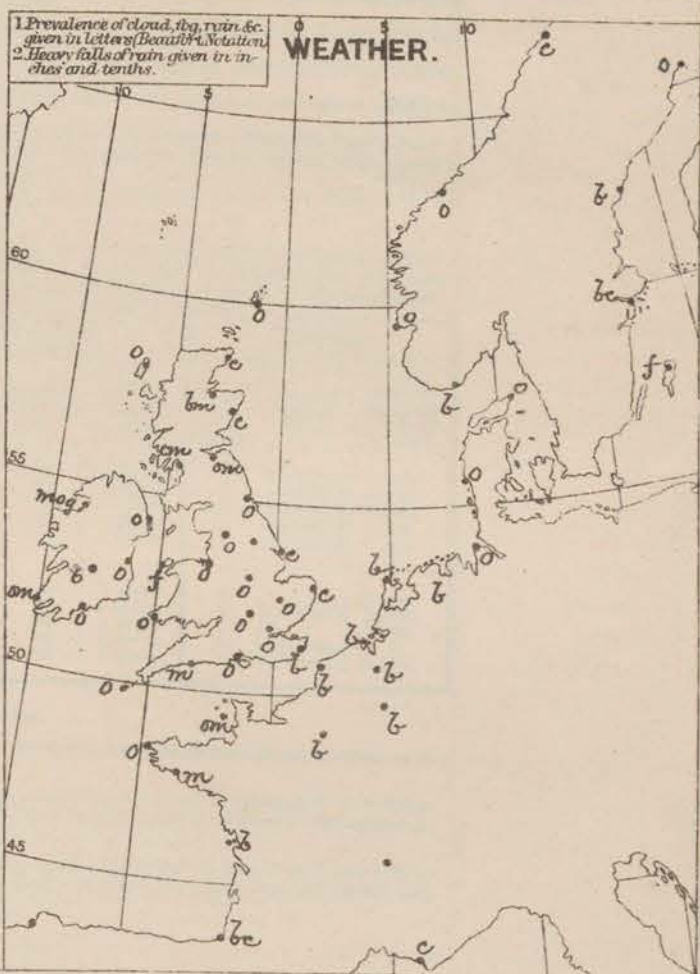
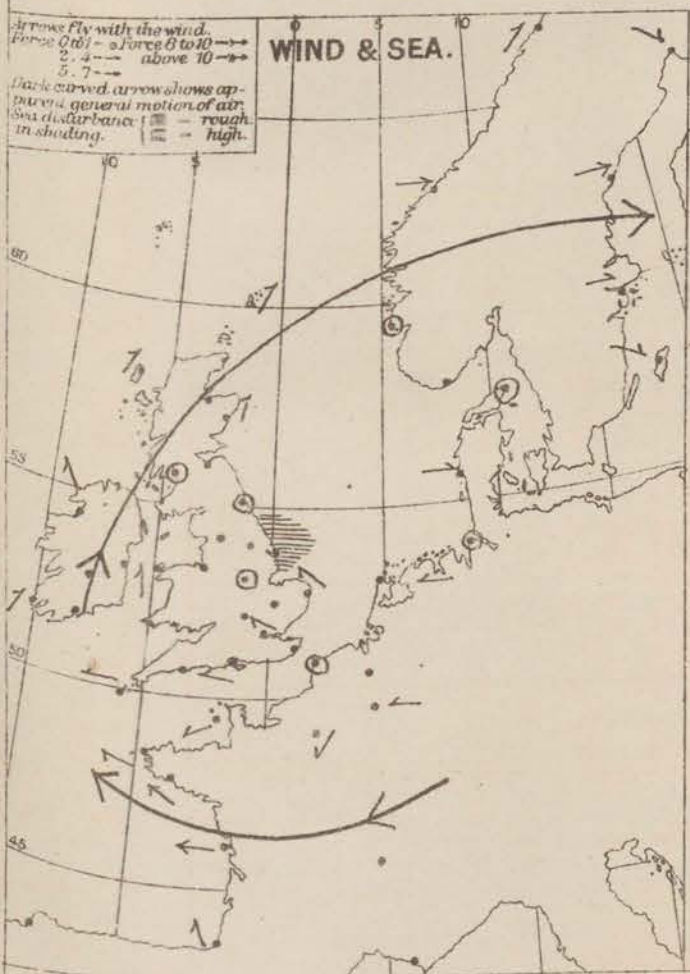
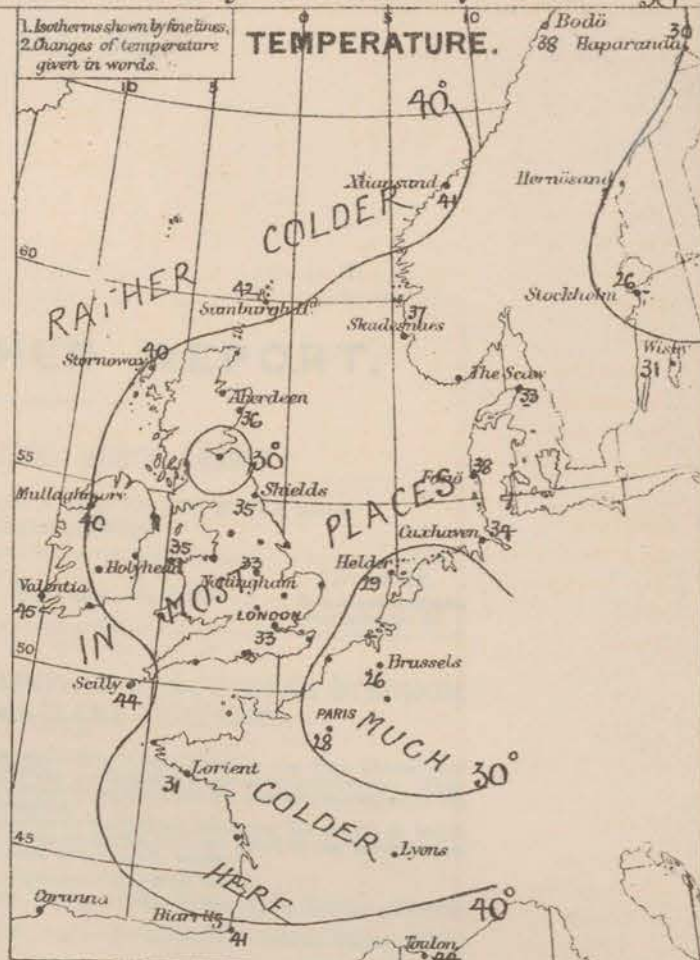
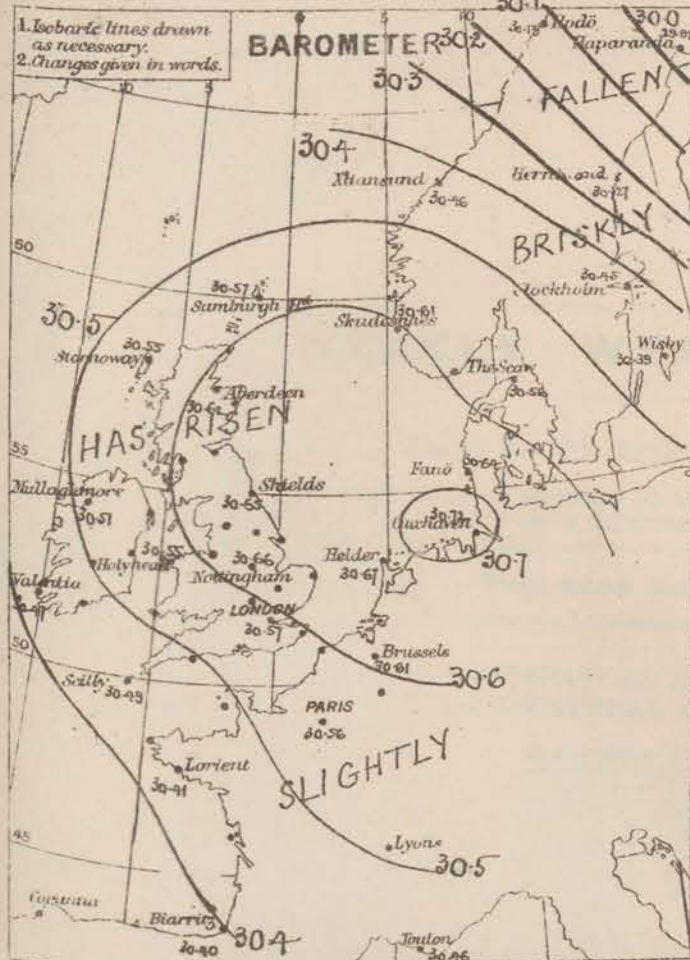
30.54 | 42 | SE | 3 | 0 | 30.56 | + .03 | 38 | 35 | - 3 | SSE | 3 | 0 | 3 | 43 | 35 | -

## EXPLANATION OF COLUMNS.

**WEATHER.**—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.  
 \* AN ASTERISK is inserted in all places for which information is not usually received.  
 † The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.  
 N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.  
 ‡ Received too late for insertion in Charb.



# WEATHER CHARTS for 8 a.m. on Monday 12<sup>th</sup> January 1880.



**REMARKS.** There is hardly any change to report in the weather over our islands, but in France the thermometer has fallen considerably. Barometrical readings vary from rather above 30.7 in over the Netherlands to 30.0 in over the N. of Sweden, and to 30.4 in at Valentia and Scilly. Temperature is several degrees below the freezing point over France and the Netherlands, but increases gradually to the N<sup>o</sup> and W<sup>o</sup> to between 40° and 42° at our extreme N<sup>o</sup> stations, 40° to 45° in the W. of Ireland and 44° at Scilly. Over England fog has prevailed during the night, but the thermometer has since risen a little in most places. The wind is light to moderate from E. in the S., from S. and SE. in the W., and very light from SW. in Scotland. Over the more N<sup>o</sup> parts of Scandinavia there is a moderate breeze from the W<sup>o</sup>. Sea is moderate to smooth except at the mouth of the Humber. There is no important change of pressure in progress at present, so that no immediate alteration of the wind or weather is likely beyond an increase in the bar at the English and SE. stations.



# DAILY WEATHER REPORT JAN 13<sup>th</sup> 1880.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	Reading at 32° F. and Sea Level.	BAROMETER.		SHADE TEMP.		WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Dir.	Force. (0 to 12).			Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.			
Haparanda	30.00	24	NY	4	b	29.61	- 37	20	20	- 10	S	2	0	*	30	12	-		
Hernösand	30.19	42	NY	2	o	29.94	- 33	39	35	- 3	SH	2	0	*	43	30	-		
Stockholm	30.38	26	W	2	b	30.18	- 27	28	28	+ 2	SSE	2	0	*	30	25	-		
Wisby	30.30	22	NW	6	o	30.10	- 29	34	22	+ 3	NW	4	0	*	26	28	-		
Bodö	30.03	39	W	4	o	29.51	- 63	36	22	- 3	W	9	0	0	39	32	-		
Christiansund	30.37	42	WEN	8	o	30.13	- 33	38	37	- 3	WST	3	+	4	43	30	0.39		
Skudesnaes	30.55	38	E	1	o	30.36	- 25	37	37	0	ENE	1	of	2	39	37	-		
Oxö (Xiansund)	30.49	25	NNW	2	b	30.34	- 19	27	27	+ 5	WST	2	b	1	28	24	-		
Skagen (The Skaw)	30.46	34	Z	0	o	30.30	- 26	32	31	- 1	Z	0	b	*	36	25	-		
Fanö	30.61	37	W	3	o	30.45	- 19	37	36	- 1	NNW	4	0	*	?	37	-		
Cuxhaven	30.73	25	ST	1	b	30.57	- 15	35	35	+ 1	W	2	0	1	?	?	-		
Sumburgh Head	30.56	41	ST	1	o	30.38	- 19	44	43	+ 2	W	4	0	4	44	39	-		
Stornoway	30.36	40	Z	0	o	30.51	- 04	37	35	- 3	Z	0	0	0	41	37	-		
Wick	30.58	27	NW	1	b	30.49	- 11	35	34	+ 3	W	2	0	0	27	24	-		
Nairn	30.61	25	Z	0	b	30.53	- 07	32	31	+ 7	Z	0	cm	2	32	24	-		
Aberdeen	30.60	34	SSTW	1	o	30.52	- 10	28	27	- 3	WSTW	1	0	1	37	26	-		
Leith	30.64	31	W	2	o	30.55	- 07	32	31	+ 4	WSTW	2	om	*	33	28	-		
Shields	30.63	33	S	2	o	30.59	- 06	29	28	- 6	NNW	1	0	0	36	29	-		
Spurn Head	30.62	35	E	3	b	30.54	- 09	34	33	- 1	ESE	4	og	4	36	33	-		
York	30.64	34	S	2	o	30.56	- 10	32	31	- 2	NNE	1	0	*	35	31	-		
Nottingham	30.64	39	E	2	o	30.56	- 10	30	30	- 3	SE	2	0	*	35	30	-		
Ardrossan	30.62	31	E	2	o	30.55	- 06	32	31	+ 2	E	1	om	1	34	29	-		
Mullaghmore	30.52	27	SE	5	o	30.54	+ 03	37	34	- 3	ESE	4	omg	3	40	34	-		
Donaghadee	30.60	27	SSE	1	o	30.57	- 02	35	25	- 2	S	1	0	0	28	24	-		
Parsonstown	30.56	36	SE	1	o	30.57	+ 03	34	33	- 2	NNE	1	0	0	37	33	-		
Holyhead	30.57	35	SSE	2	o	30.52	- 02	34	33	- 1	E	2	0	1	25	33	-		
Liverpool (Bidston)	30.60	39	SSE	2	o	30.55	- 06	31	30	- 2	ENE	1	m	1	34	30	-		
Valentia	30.44	43	ESE	3	o	30.50	+ 09	42	40	- 3	E	4	om	4	46	41	-		
Roche's Point	30.48	40	ESE	5	o	30.53	+ 03	37	35	- 5	E	4	0	4	45	35	-		
Pembroke	30.53	35	ENE	4	o	30.50	- 02	35	35	0	NE	2	om	2	36	34	-		
Scilly	30.46	44	E	5	o	30.44	- 05	45	44	+ 1	E	1	c	3	45	40	0.04		
Prawle Point	30.48	38	ESE	4	m	30.44	- 07	35	35	- 2	NNE	5	+	4	40	34	0.49		
Hurst Castle	30.44	37	ESE	4	b	30.48	- 05	36	35	0	ESE	4	om	4	39	36	-		
Dover	30.59	34	ENE	3	b	30.53	- 06	31	30	- 2	ESE	2	b	1	36	28	-		
London	30.61	32	ESE	2	o	30.53	- 04	30	30	- 3	ESE	1	of	*	38	28	-		
Oxford	30.59	32	E	1	o	30.54	- 06	31	30	0	E	1	og	*	35	30	-		
Cambridge	30.55	30	E	1	b	30.54	- 06	32	31	- 2	SE	1	0	*	38	28	-		
Yarmouth	30.61	35	ESE	4	b	30.57	- 07	35	34	0	ESE	2	og	2	36	33	-		
The Helder	*	*	*	*	*	30.58	- 09	27	27	- 2	E	1	b	*	*	*	*		
Cape Gris Nez	30.59	30	E	3	b	30.55	- 05	28	28	+ 2	ENE	1	b	0	36	27	-		
Jersey	30.53	36	ESE	2	b	30.50	- 02	37	37	+ 5	S	2	om	2	38	32	0.08		
Brest	30.41	40	SE	3	o	30.47	+ 04	46	46	+ 13	W	3	0	2	?	?	0.39		
Lorient	30.45	36	SE	5	m	30.48	+ 07	37	35	+ 6	SSE	4	m	4	?	?	-		
Rochefort	30.45	42	E	1	b	30.50	+ 05	28	27	0	E	4	b	2	46	?	-		
Biarritz	30.43	47	E	5	b	30.48	+ 05	36	33	- 5	SE	3	b	?	34	?	32	-	
Corunna	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Brussels	*	*	*	*	*	30.57	- 04	25	?	- 1	Z	0	b	*	33	24	-		
Charleville	?	28	N	4	b	?	?	17	?	- 4	E	4	b	*	37	?	-		
Paris	30.58	33	?	1	b	30.57	+ 01	22	21	- 6	ENE	1	b	*	*	*	-		
† Lyons	30.59	26	NY	1	o	30.63	+ 06	23	22	- 1	SE	1	m	*	29	?	-		
Toulon	30.45	46	SE	3	b	30.54	+ 08	40	38	- 4	NE	3	0	2	50	39	-		

## YESTERDAY'S 045EM REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.	
Skudesnaes ...	30.58	39	38	Z	0	2	Valentia ...	30.43	44	42	ESE	3	0	3
Sumburgh Head	30.59	41	40	SSTW	1	2	Scilly ...	30.49	43	42	E	4	om	4
Stornoway ...	30.36	40	40	STW	1	1	Dover ...	30.58	35	32	SE	3	b	2
Aberdeen ...	30.63	37	35	SSTW	1	1	London ...	30.58	37	34	ESE	3	b	7
Shields ...	30.66	34	32	WSTW	2	0	Yarmouth ...	30.63	36	35	ESE	3	b	3
Ardrossan ...	30.64	32	32	E	2	om	Jersey ...	30.53	37	35	ESE	2	bm	2
Mullaghmore ...	30.64	39	36	SE	3	ogm	Rochefort ...	30.47	42	41	ENE	1	b	2
Holyhead ...	30.60	35	34	SSE	2	0								

*No important change.*

KINGSTOWN | 30.57 | 38 | SE | 2 | 0 | 30.57 | - 02 | 26 | 34 | - 2 | W | 3 | 0 | 3 | 40 | 34 |

## EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

\* AN ASTERISK is inserted in all places for which information is not usually received.

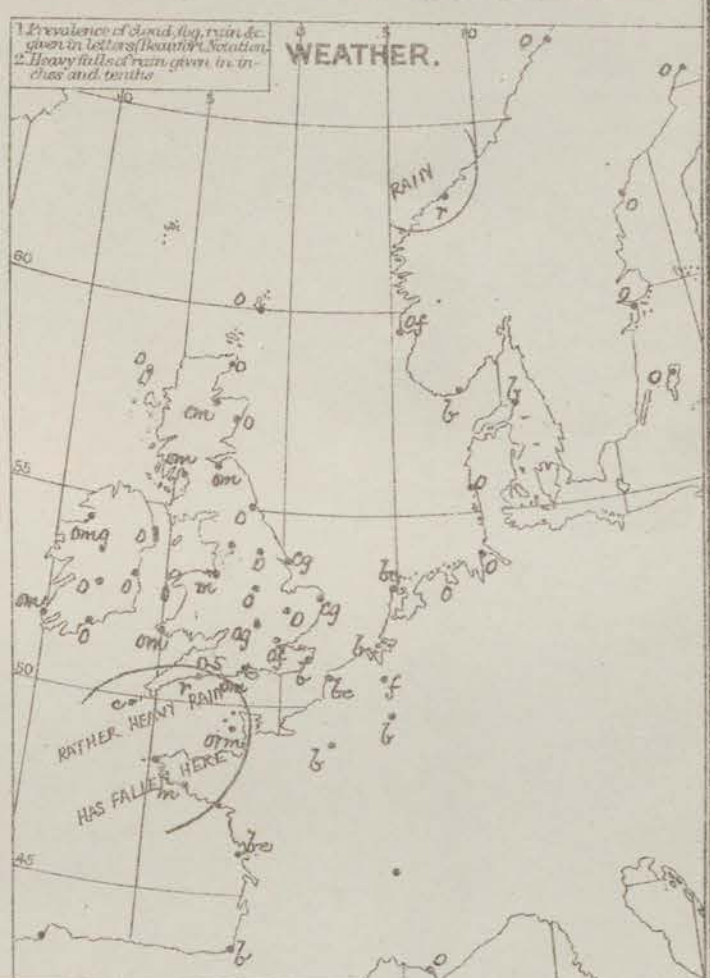
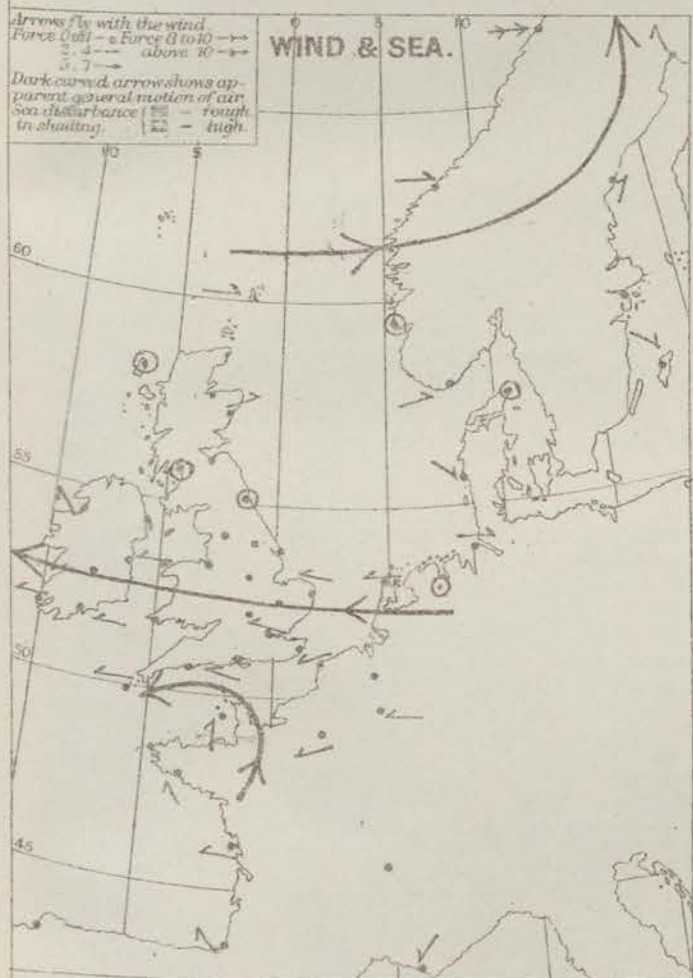
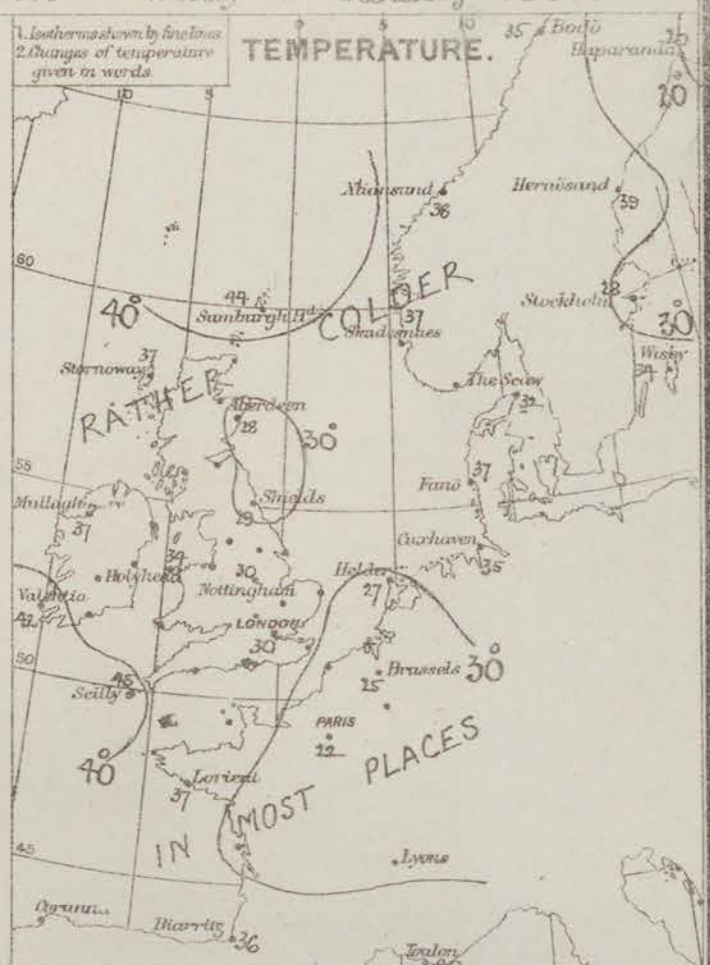
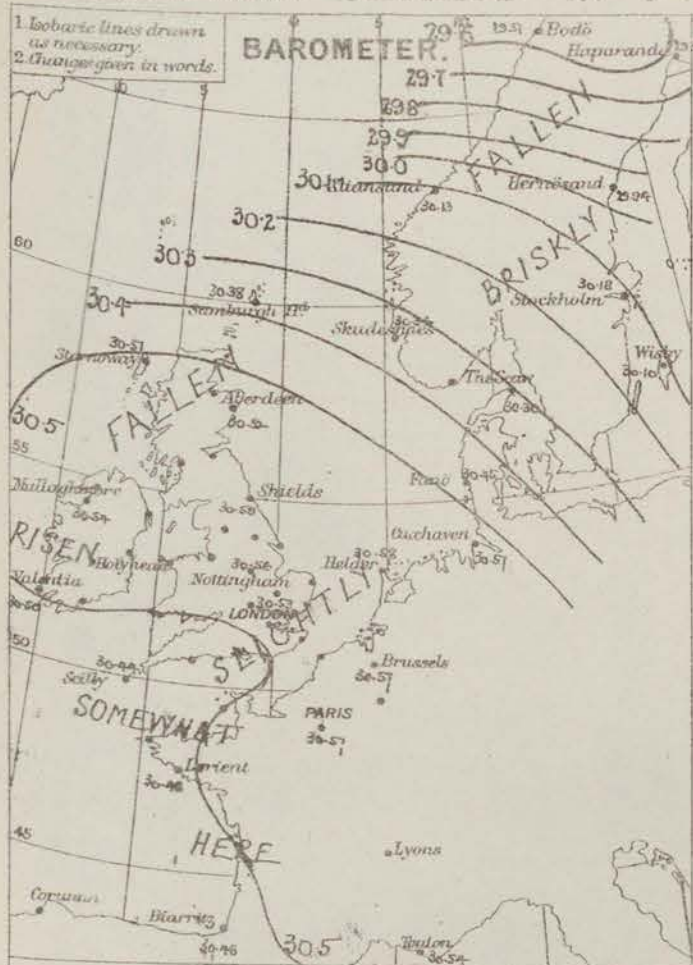
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Oranienburg time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.

† Received too late for insertion in Chart.



WEATHER CHARTS for 8 a.m. on Tuesday 13<sup>th</sup> January 1880.



REMARKS. Very little change in the general condition of the weather has taken place over our Islands beyond a further fall of temperature which is now below the freezing point in many parts of Scotland, England and France. In the Channel, however, a very small depression has appeared during the night, its centre being between the Dorsetshire coast and the Channel Islands. This is producing local variations in the direction and force of the winds, and is accompanied by cold rain; the disturbance seems likely to move E<sup>ward</sup> during the day and bring a temporary fall of cold rain to our S.E. counties. With this exception there seems no reason for anticipating any noteworthy change in the weather over NW Europe, beyond somewhat colder weather in England, especially at night. Sea is still moderate off our SW. coast, slight or smooth elsewhere.

Subscription for these charts payable in ad- vance to cover delivery.	Delivery by hand 10/- per quarter. " " " " " " " " " " " "
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*Meteorological Office,  
116, Victoria Street, Westminster, S.W.*

R. H. SCOTT.  
Secretary



# DAILY WEATHER REPORT JAN 14<sup>th</sup> 1880.

STATIONS.	+ YESTERDAY EVENING.						8 A.M. TO DAY.								PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.	
Haparanda	29.21	23	SW	2	c	29.39	- 22	17	17	- 3	N	4	bc	*	28	16	0.08
Hernösand	29.35	31	SSW	6	b	29.35	- 59	27	26	- 12	N	8	o	*	43	27	-
Stockholm	29.81	29	W	2	o	29.42	- 76	24	21	- 4	NNW	4	s	*	32	?	-
Wisby	29.85	33	NNW	6	b	29.53	- 57	33	29	- 1	NNW	6	c	*	37	30	0.04
Bodö																	
Christiansund	29.95	32	NN	6	e	29.83	- 30	33	31	- 5	NN	8	c	6	?	21	-
Skudesnaes	30.06	39	NNN	4	f	29.96	- 40	32	30	- 5	NNN	7	sh	4	?	?	-
Oxö (Xiansund)	30.01	40	WSW	4	o	29.84	- 50	33	28	+ 6	WSW	4	b	2	39	?	-
Skagen (The Skaw)	29.95	39	NNN	7	b	29.77	- 53	35	31	+ 3	N	5	o	*	39	25	-
Fanö	30.20	38	NNN	5	o	29.91	- 54	37	35	o	NN	5	c	*	39	36	-
Cuxhaven	30.44	36	WSW	1	o	30.06	- 51	33	33	- 2	N	5	f	3	36	30	-
Sumburgh Head	30.26	38	NNN	4	f	30.27	- 11	34	32	- 10	N	5	s	4	45	31	0.03
Stornoway	30.42	38	L	o	o	30.43	- 08	36	34	- 1	NIE	1	c	1	40	34	0.04
Wick	30.35	34	NN	3	o	30.37	- 12	35	33	o	NN	3	o	o	38	32	0.01
Nairn	30.44	32	N	1	bc	30.41	- 12	36	34	+ 4	N	2	c	2	37	30	0.03
Aberdeen	30.40	32	WSW	1	bm	30.34	- 18	36	33	+ 8	NNN	4	o	2	38	27	-
Leith	30.45	32	NNN	1	b	30.39	- 16	34	33	+ 2	NNN	1	cm	*	34	28	-
Shields	30.48	26	NNN	2	om	30.36	- 24	35	34	+ 6	N	2	r	3	36	26	-
Spurn Head	30.43	34	SW	1	o	30.29	- 25	32	31	- 2	NNN	5	m	5	36	28	-
York	30.47	32	N	1	o	30.35	- 21	29	29	- 3	NNN	1	o	*	34	26	-
Nottingham	30.46	31	NNE	3	o	30.37	- 19	28	27	- 2	N	1	o	*	32	28	-
Ardrossan	30.46	37	NN	3	b	30.38	- 17	31	30	- 1	E	2	bc	1	29	30	-
Mullaghmore	30.50	34	WSW	2	e	30.46	- 08	37	36	o	SW	1	bc	1	40	32	-
Donaghadee	30.51	34	SW	2	o	30.40	- 17	42	41	+ 7	N	4	o	2	44	31	-
Parsonstown	30.54	30	NE	2	b	30.50	- 07	31	31	- 3	L	o	o	o	36	26	-
Holyhead	30.49	35	E	2	o	30.37	- 16	42	40	+ 8	NNN	4	o	3	42	34	-
Liverpool (Bidston)	30.47	32	NN	1	o	30.37	- 18	35	34	+ 4	NNE	1	bc	1	37	31	-
Valentia	30.52	44	ENE	3	o	30.51	+ 01	32	31	- 10	L	o	b	1	45	30	-
Roche's Point	30.50	38	ENE	3	o	30.49	- 01	33	32	- 4	NNE	3	bc	3	44	31	-
Pembroke	30.48	36	NNW	1	o	30.42	- 08	39	39	+ 4	NN	2	o	1	39	34	-
Scilly	30.47	46	N	4	o	30.45	+ 01	42	40	- 3	NNN	4	o	4	48	40	-
Prawle Point	30.45	35	NNN	3	c	30.41	00	32	32	- 2	NNN	2	m	2	40	32	0.01
Hurst Castle	30.34	35	E	4	md	30.37	- 11	31	31	- 5	N	2	og	3	38	30	0.49
Dover	30.44	36	S	2	e	30.31	- 22	34	32	+ 3	NNE	3	om	1	37	30	-
London	30.43	35	E	2	o	30.34	- 19	30	29	o	NNW	1	ogf	*	35	29	0.02
Oxford	30.43	32	L	o	o	30.36	- 18	30	30	- 1	N	1	o	*	32	29	0.10
Cambridge	30.41	32	SE	1	o	30.32	- 21	29	29	- 3	NN	1	o	*	35	28	-
Yarmouth	30.42	35	ESE	2	e	30.29	- 28	33	32	- 2	NNN	2	ofg	3	37	31	-
The Helder	*	*	*	*	*	30.20	- 38	36	35	+ 9	NN	2	o	*	*	*	*
Cape Gris Nez	30.40	33	SE	1	a	30.30	- 25	35	35	+ 7	N	5	o	4	36	28	-
Jersey	30.46	41	NNN	3	og	30.41	- 09	37	35	o	N	3	om	3	43	36	0.11
Brest	30.49	42	L	o	b	30.42	- 05	43	39	- 3	N	4	o	3	50	37	-
Lorient	30.47	40	E	4	m	30.39	- 09	39	37	+ 2	NNN	4	m	4	41	34	-
Rochefort	30.47	40	E	4	f	30.39	- 11	32	31	+ 4	SE	4	o	2	46	?	-
Biarritz	30.43	44	ESE	4	b	30.39	- 09	40	36	+ 4	SW	2	b	2	50	32	-
Cornuna	*	*	*	*	*										*	*	*
Brussels	*	*	*	*	*	30.27	- 30	30	30	+ 5	WSW	1	o	*	34	30	-
Charleville	?	26	S	4	b	?	?	23	?	+ 6	S	4	o	*	33	18	0.04
Paris	30.49	25	?	1	b	30.29	- 25	32	31	+ 10	SE	1	s	*	*	*	-
Lyons																	
Toulon	30.47	43	SW	3	b	30.30	- 24	36	34	- 4	N	4	b	2	46	36	-

## YESTERDAY'S 045PM REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.	
Skudesnaes ...	30.21	42	41	W	6	o	Valentia ...	30.53	43	40	ESE	2	o	3
Sumburgh Head	30.31	44	43	W	4	f	Scilly ...	30.48	47	46	N	2	e	2
Stornoway ...	30.47	38	37	W	1	bc	Dover ...	30.48	36	34	S	2	b	1
Aberdeen ...	30.47	33	31	W	1	bm	London ...	30.49	35	34	SE	1	ogs	*
Shields ...	30.54	26	26	WNW	2	o	Yarmouth ...	30.51	37	35	SE	2	bc	2
Ardrossan ...	30.52	34	33	ENE	1	f	Jersey ...	30.47	42	40	SSW	3	om	3
Mullaghmore ...	30.54	39	35	E	3	c	Rochefort ...	30.48	35	?	E	4	b	2
Holyhead...	30.52	35	33	SSE	1	o								

The small depression in the Channel is moving very slowly to the eastwards, and a smart shower of snow is falling in London. The barometer is rising in the south-west. No other change of importance is reported.

KINGSTOWN	30.26	36	34	W	4	o	30.44	- 10	35	33	- 1	NNN	4	bc	4	38	31	-
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## EXPLANATION OF COLUMNS.

**WEATHER.**—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

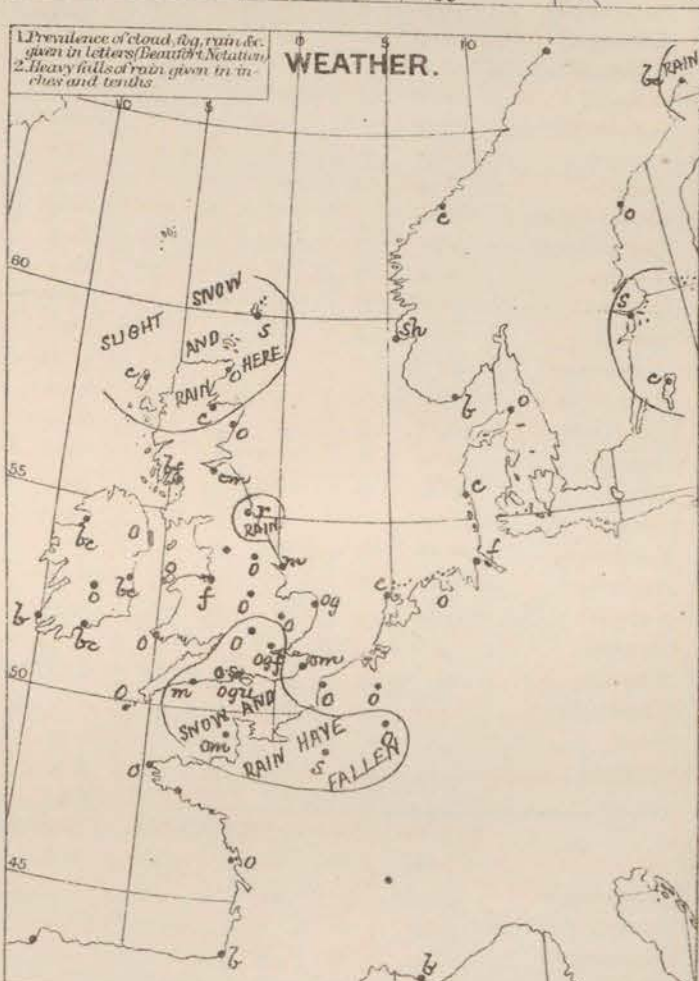
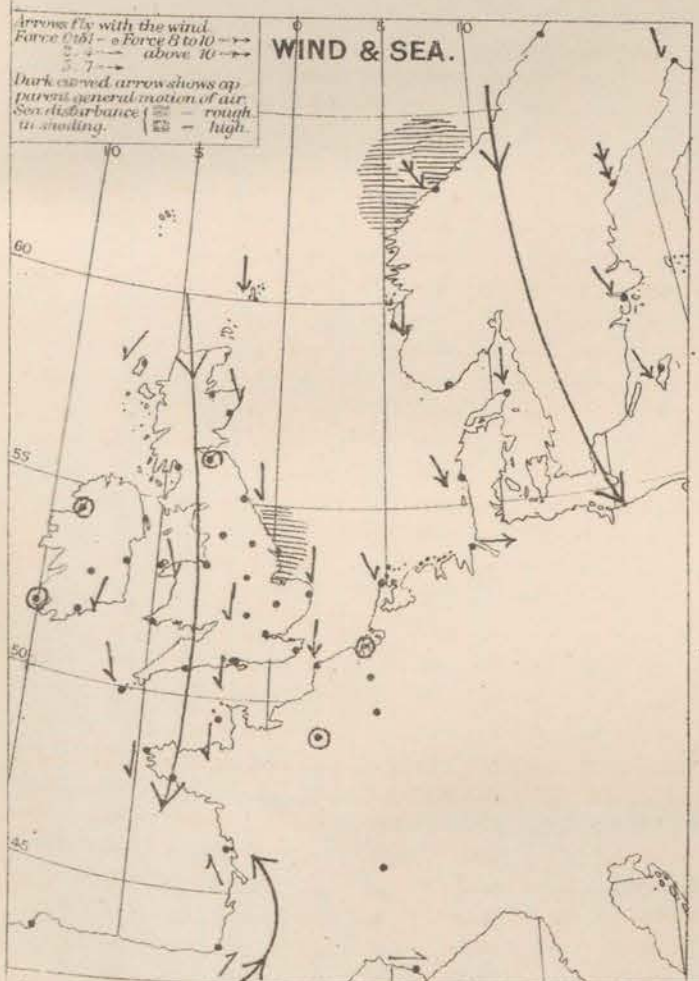
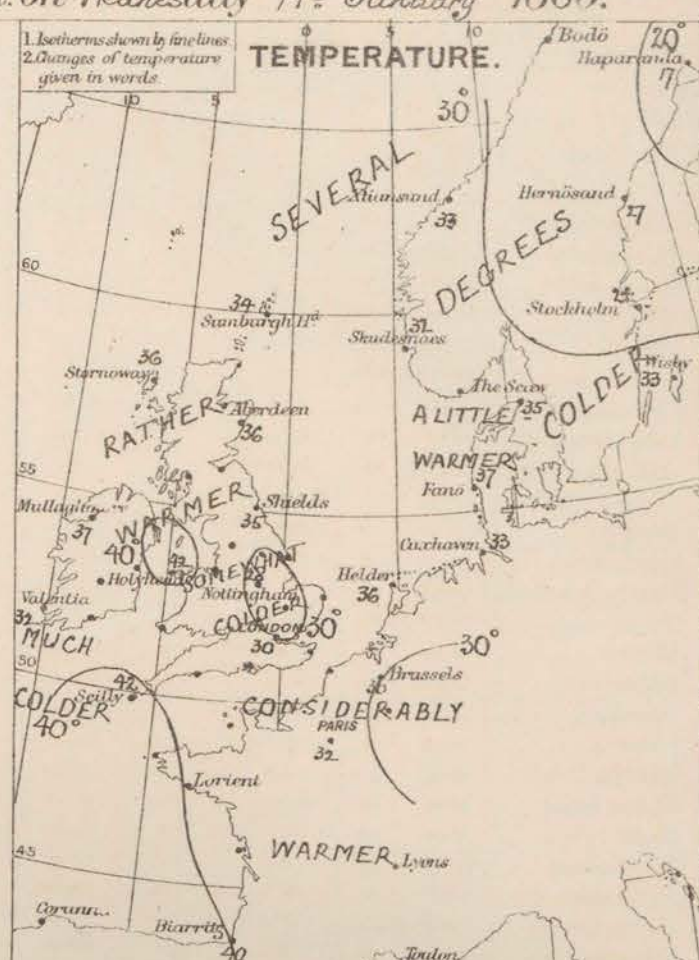
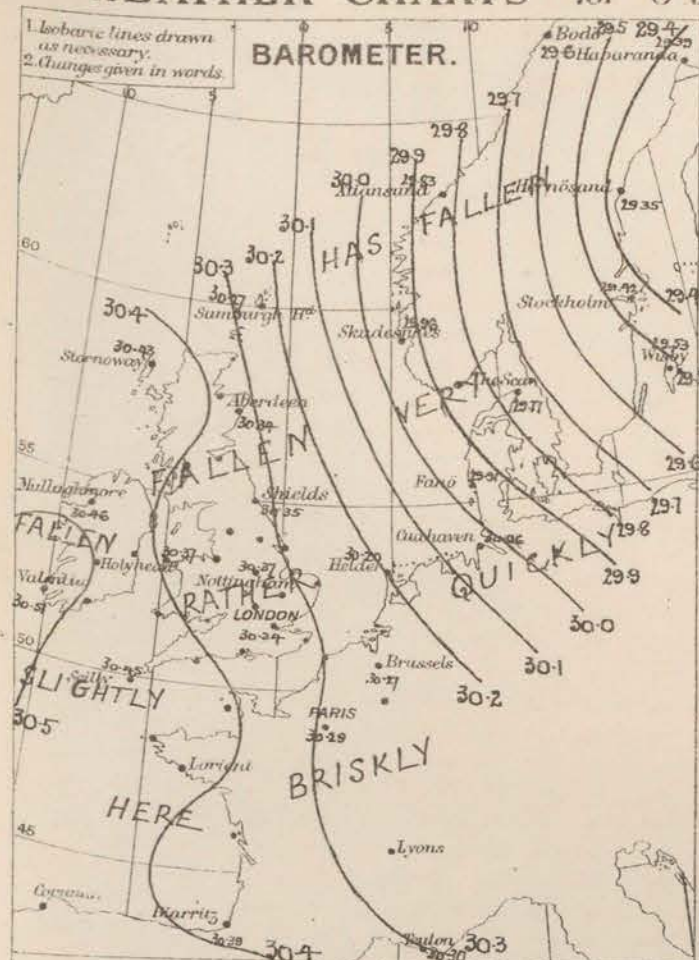
\* AN ASTERISK is inserted in all places for which information is not usually received.

+ The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time), in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.



WEATHER CHARTS for 8 a.m. on Wednesday 14<sup>TH</sup> January 1880.



REMARKS. The depression which had reached the extreme N. of Scandinavia yesterday has now reached the Baltic and the W. parts of Russia, and the result is seen in the formation of gradients for N<sup>l</sup> and NW<sup>l</sup> winds over the whole of our Islands and the neighbouring parts of W. Europe. N<sup>l</sup> and NW<sup>l</sup> breezes have consequently become very general, and are very light in force over the United Kingdom, but fresh to strong on the E. shores of the Irish Sea. Temperature is low everywhere, the readings varying from between 28° and 30° over Central England, and 31° in Central Ireland to 42° at Limerick and Holyhead. The sky is clear in Ireland, cloudy in Scotland and very gloomily overcast in England. Snow is falling at Bumbrough Head and cold rain at Shields. During the day the barometer will probably rise somewhat over the greater part of the Kingdom, and a cold night seems probable in our Islands.

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*Meteorological Office.*  
116, Victoria Street, Westminster, S.W.

R. H. SCOTT.  
Secretary



# DAILY WEATHER REPORT JANUARY 15<sup>th</sup> 1880.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Dirac.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dirac.	Force. (0 to 12).			Max.	Min.			
Haparanda	29.02	26	N	6	o	29.73	+ .24	22	21	+ 5	N	4	o	*	27	12	0.08		
Hernösand	29.53	22	NNW	6	b	29.75	+ .40	26	23	- 1	NNE	8	c	*	36	16	-		
Stockholm	29.44	21	NNW	6	c	29.58	+ .16	27	21	- 2	N	4	b	*	28	19	0.32		
Wisby	29.43	29	NNW	9	s	29.51	- .02	27	26	- 6	NNW	8	s	*	34	27	0.04		
Bodö	29.94	25	NE	2	b	29.90		25	24		NE	2	c	1	27	21	-		
Christiansund	29.82	35	NE	4	b	29.98	+ .18	24	23	- 9	ESE	1	b	4	37	18	0.16		
Skudesnaes	29.82	28	NNW	6	b	29.89	- .07	36	33	+ 4	NNW	7	c	4	?	2	-		
Oxö (Xriansund)	29.82	28	NW	4	b	29.87	+ .03	30	27	- 3	NNW	4	c	2	32	23	-		
Skagen (The Skaw)	29.76	33	NNE	5	b	29.82	+ .05	31	29	- 4	NNE	5	b	*	36	28	-		
Fanö	29.89	31	NNW	4	b	29.86	- .05	29	27	- 8	NNE	4	b	*	37	25	-		
Cuxhaven	29.94	25	NNW	6	s	29.91	- .15	34	34	+ 1	NNW	5	s	4	36	30	-		
Sumburgh Head	30.25	34	N	6	o	30.11	- .16	33	31	- 1	NNE	4	c	4	35	30	1.02		
Sternoway	30.41	37	N	1	c	30.17	- .26	41	40	+ 5	L	o	o	o	41	34	0.20		
Wick	30.33	35	NNW	3	o	30.17	- .20	31	30	- 14	NNW	1	b	o	35	30	-		
Nairn	30.40	36	L	o	c	30.21	- .20	35	34	- 1	L	o	c	3	37	34	-		
Aberdeen	30.34	36	NNW	4	o	30.20	- .14	34	32	- 2	NNW	1	b	2	37	33	0.01		
Leith	30.40	35	NNW	3	b	30.27	- .12	35	33	+ 1	N	2	sm	*	41	31	-		
Shields	30.36	36	NNW	2	o	30.27	- .08	34	34	- 1	NNW	3	b	4	39	32	-		
Spurn Head	30.28	36	NNW	5	c	30.23	- .06	35	33	+ 3	N	6	cm	6	39	31	-		
York	30.35	36	N	3	o	30.30	- .05	34	32	+ 5	NNW	2	c	*	38	28	-		
Nottingham	30.37	36	N	2	o	30.33	- .04	32	30	+ 4	NNW	1	o	*	38	28	-		
Ardrossan	30.42	33	NE	1	bm	30.26	- .12	33	32	+ 2	L	o	of	o	37	28	-		
Mullaghmore	30.46	42	NNW	3	c	30.42	- .04	40	39	+ 3	WSTW	3	b	2	45	35	0.03		
Donaghadee	30.44	40	N	2	b	30.39	- .01	37	35	- 5	N	3	o	1	45	35	0.03		
Parsonstown	30.50	35	L	o	o	30.49	- .01	29	29	- 2	L	o	of	o	40	28	-		
Holyhead	30.40	40	SE	1	o	30.40	+ .03	39	35	- 3	NE	3	b	2	43	37	-		
Liverpool (Bidston)	30.41	36	N	1	o	30.36	- .01	34	32	- 1	N	1	b	1	37	32	-		
Valentia	30.50	39	ENE	1	odm	30.45	- .06	40	39	+ 8	NE	1	om	i	42	30	0.01		
Roche's Point	30.46	42	N	3	c	30.47	- .02	37	34	+ 4	N	3	b	3	43	32	-		
Pembroke	30.41	40	NNW	1	c	30.40	- .02	38	36	- 1	N	1	c	1	41	36	-		
Scilly	30.43	44	NNW	4	o	30.42	- .03	43	43	+ 1	NNE	5	o	4	44	41	-		
Prawle Point	30.40	37	NNW	2	m	30.39	- .02	35	32	+ 2	NNW	1	c	1	40	31	-		
Hurst Castle	30.37	33	NNE	1	o	30.39	+ .02	29	29	- 2	NE	1	b	3	37	27	-		
Dover	30.29	32	N	3	om	30.30	- .01	34	32	o	NNW	3	cg	2	35	30	-		
London	30.35	33	NNW	1	o	30.33	- .01	33	29	+ 3	NNW	1	om	*	36	30	-		
Oxford	30.37	34	L	o	o	30.35	- .01	25	24	- 5	L	o	of	*	34	23	0.02		
Cambridge	30.32	31	N	1	o	30.30	- .03	32	32	+ 3	NNW	1	o	*	35	28	0.01		
Yarmouth	30.25	36	NNW	2	of	30.23	- .06	33	31	o	NNW	4	cfs	4	35	30	0.02		
The Helder	*	*	*	*	*	30.09	- .11	35	35	- 1	NNW	3	c	*	*	*	*		
Cape Gris Nez	30.20	32	NNW	3	o	30.28	- .02	35	33	o	NNW	5	o	3	37	30	-		
Jersey	30.41	37	NNW	1	om	30.42	+ .01	37	33	o	NNE	2	cm	2	40	36	-		
Brest	30.42	41	NE	1	o	30.42	.00	40	37	- 3	ESE	1	o	2	43	37	-		
Lorient	30.40	39	NNW	3	m	30.37	- .02	37	35	- 2	NE	3	m	4	41	36	-		
Roche fort	30.39	37	NNW	5	o	30.39	.00	36	35	+ 4	NNW	4	o	2	43	?	-		
Biarritz	30.39	45	E	5	r	30.39	.00	41	38	+ 1	SSE	5	o	2	?	37	0.04		
Corunna	*	*	*	*	*			*	*					*	*	*	*		
Brussels	*	*	*	*	*	30.22	- .05	33	32	+ 3	N	1	s	*	34	31	0.04		
Charleville	?	29	ESE	4	o	?	?	29	?	+ 6	E	4	o	*	31	25	0.04		
Paris	30.30	35	?	1	o	30.34	+ .05	34	34	+ 2	NNE	1	f	*	*	*	0.12		
Lyons	30.32	28	NNW	1	s	30.30	- .08	32	31	+ 9	NNW	1	o	*	33	27	0.20		
Toulon	30.18	41	NNW	5	b	29.98	- .32	37	34	+ 1	NNW	8	b	7	45	32	-		

## YESTERDAY'S 0.45PM REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes ...	29.94	31	28	NNW	7	e	4	Valentia ...	30.51	39	37	NE	1	om	1
Sumburgh Head	30.28	35	32	N	4	c	4	Scilly ...	30.45	44	41	NNW	4	om	3
Sornoway ...	30.44	38	36	Z	0	o	0	Dover ...	30.30	31	31	N	3	og	1
Aberdeen ...	30.33	37	34	NNW	4	e	3	London ...	30.34	32	30	NNW	3	og	2
Shields ...	30.36	37	36	NNW	2	o	2	Yarmouth ...	30.27	32	31	NNW	3	ofs	3
Ardrossan ...	30.42	46	44	ESE	1	om	0	Jersey ...	30.16	37	36	NNW	2	om	2
Mullaghmore ...	30.48	44	43	N	3	og	4	Roche fort ...	30.39	39	38	NNW	5	o	2
Holyhead ...	30.40	42	40	NE	3	e	2								

*No important change except that the sky has become overcast & gloomy again in Ireland.*

KINGSTOWN. 30.44 39 37 34 NNW 4 e 30.44 30 35 33 o 33 3 6 3 40 30 0.01

### EXPLANATION OF COLUMNS.

**WEATHER.**—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

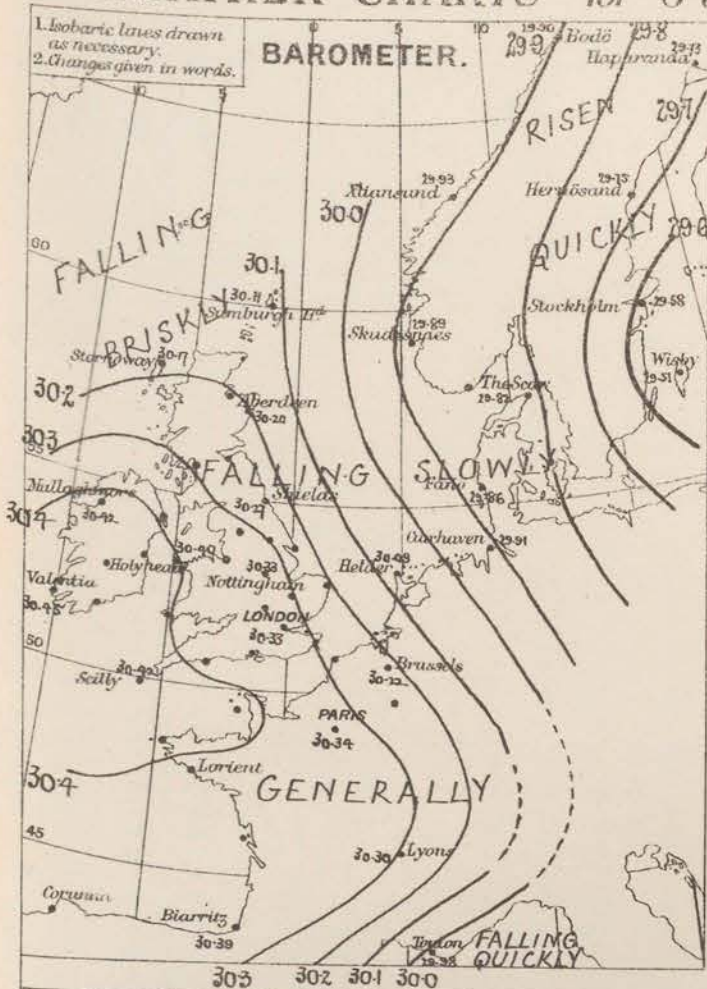
\* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.



# WEATHER CHARTS for 8 a.m. on Thursday 15<sup>th</sup> Jan<sup>y</sup> 1880.





# DAILY WEATHER REPORT JAN<sup>y</sup> 16<sup>th</sup> 1880.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.								PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.	
			Direc.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 12).		Weather.	Max.		Min.
Haparanda ...	29.84	23	N	4	b	29.86	+ 13	18	17	- 4	Z	0	bc	*	27	18	-
Hernösand ...	29.78	17	N	2	bc	29.75	00	27	27	+ 1	N	2	b	*	?	7	-
Stockholm ...	29.78	24	N	2	b	29.78	+ 20	19	19	- 3	NNW	2	o	*	28	18	-
Wisby ...	29.63	28	N	8	c	29.71	+ 20	26	24	- 1	N	6	o	*	32	23	0.04
Bodö ...																	
Christiansund...	29.95	31	SW	2	s	29.91	- 07	32	31	+ 8	ENE	2	s	4	32	16	-
Skudesnaes ...	29.97	31	E	3	b	29.99	+ 10	26	24	- 10	ENE	2	b	2	36	?	-
Oxö (Xiansund)...	29.98	24	NNW	4	b	29.94	+ 07	22	19	- 8	NNW	4	b	2	30	21	-
Skagen (The Skaw)	29.95	29	NE	5	b	29.94	+ 12	28	27	- 3	NE	3	o	*	32	23	-
Fanö ...	29.95	30	E	5	s	29.94	+ 10	23	23	- 6	NNW	1	b	*	32	23	-
Cuxhaven ...	29.97	33	N	3	bc	29.93	+ 02	31	31	- 3	NE	2	bc	1	?	28	-
Sumburgh Head	30.06	33	NNE	2	o	30.09	- 02	34	33	+ 1	N	2	b	2	34	30	0.03
Stornoway ...	30.05	40	W	1	bc	30.04	- 13	37	36	- 4	ENE	6	b	5	42	35	0.15
Wick ...	30.08	33	NNW	1	o	30.07	- 10	37	35	+ 6	NE	3	o	2	47	29	0.34
Nairn ...	30.12	37	SW	1	o	29.98	- 23	33	32	- 2	SE	3	o	1	38	33	0.26
Aberdeen ...	30.08	36	NNW	2	bm	29.99	- 21	36	34	+ 2	ENE	4	o	4	39	34	0.47
Leith ...	30.15	32	NNW	1	bc	29.89	- 38	38	38	+ 3	NNW	1	fm	*	39	31	0.15
Shields ...	30.14	34	W	2	m	29.96	- 31	30	30	- 4	Z	0	off	3	36	29	0.06
Spurn Head ...	30.12	34	SW	4	bc	30.00	- 23	29	29	- 6	SW	3	bc	5	38	29	0.01
York ...	30.15	33	SW	1	o	29.99	- 31	30	30	- 4	S	1	f	*	39	27	0.14
Nottingham ...	30.15	35	W	1	r	30.01	- 32	36	36	+ 4	Z	0	f	*	39	31	0.14
Ardrossan ...	30.16	41	N	1	bm	29.90	- 36	43	42	+ 10	NNW	2	o	2	46	32	0.05
Mullaghmore ...	30.29	45	W	4	c	30.02	- 40	45	45	+ 5	W	5	ig	4	47	38	0.48
Donaghadee ...	30.23	43	NNW	3	c	29.95	- 44	43	43	+ 6	NNW	2	o	1	44	34	0.23
Parsonstown ...	30.36	41	W	1	o	30.12	- 37	40	38	+ 11	SW	1	o	0	43	27	-
Holyhead ...	30.16	43	NNW	5	r	30.00	- 40	44	43	+ 5	NNW	5	d	4	44	38	0.24
Liverpool (Bidston)	30.16	42	W	6	o	29.96	- 40	42	41	+ 8	SW	3	r	2	43	34	-
Valentia ...	30.40	42	NNW	1	cm	30.19	- 26	44	41	+ 14	W	2	o	2	46	39	-
Roche's Point...	30.35	41	NNW	3	bc	30.14	- 33	42	40	+ 5	W	3	c	3	44	34	-
Pembroke ...	30.35	42	NNW	2	bc	30.12	- 28	45	43	+ 7	NNW	4	o	3	45	37	-
Scilly ...	30.37	45	NNE	5	c	30.24	- 18	44	42	+ 1	W	4	c	4	46	40	-
Prawle Point ...	30.34	32	NNW	2	b	30.16	- 23	40	39	+ 5	NNW	3	c	2	43	31	-
Hurst Castle ...	30.31	31	NNW	1	b	30.13	- 26	37	37	+ 8	NNW	2	bc	3	39	28	0.02
Dover ...	30.21	34	NNW	3	bm	30.08	- 22	34	33	0	N	2	cg	1	36	32	0.01
London ...	30.24	35	W	3	s	30.08	- 25	36	35	+ 3	SW	1	ad	*	36	31	0.08
Oxford ...	30.24	32	W	1	o	30.08	- 27	35	34	+ 10	Z	0	or	*	37	24	0.04
Cambridge ...	30.21	33	NNW	1	s	30.04	- 26	32	32	0	SW	1	o	*	41	31	0.06
Yarmouth ...	30.16	35	NNW	1	ogf	30.05	- 18	29	28	- 4	NNW	2	f	3	37	28	-
The Helder ...	*	*	*	*	*	29.99	- 10	34	33	- 1	NNW	1	c	*	*	*	*
Cape Gris Nez	30.22	35	NNW	5	o	30.09	- 19	34	34	- 1	NNW	3	m	2	37	34	-
Jersey ...	30.34	40	W	2	cm	30.22	- 20	41	39	+ 4	NNW	3	bc	3	41	35	-
Brest ...	30.38	42	NNE	1	o	30.26	- 16	41	37	+ 1	N	3	bc	2	43	36	-
Lorient ...	30.34	37	E	3	m	30.24	- 13	35	33	- 2	NNE	1	m	2	39	32	-
Roche fort ...	30.34	34	NE	3	c	30.28	- 11	37	34	+ 1	SW	4	o	2	43	?	-
Biarritz ...	30.32	40	ESE	4	o	30.26	- 13	34	32	- 7	E	4	o	2	46	?	-
Corunna ...	*	*	*	*	*										*	*	*
Brussels ...	*	*	*	*	*	30.06	- 16	31	?	- 2	WSW	3	o	*	36	28	0.08
Charleville ...	?	35	W	4	b	?	?	25	?	- 4	WSW	4	o	*	36	23	0.04
Paris ...	30.28	35	?	1	o	30.13	- 21	33	33	- 1	S	1	f	*	*	*	0.04
Lyons ...	30.28	31	N	1	o	30.25	- 05	17	17	- 15	NNW	1	c	*	29	15	0.04
Toulon ...																	

## YESTERDAY'S 045PM REPORTS AND REMARKS.

Bar.	Dry.	Wet.	Wind.	Wet.	Sea.	Bar.	Dry.	Wet.	Wind.	Wet.	Sea.
Skudesnaes ...	29.93	32	ENE	3	bc	Valentia ...	30.46	45	ENE	1	cm
Sumburgh Head	30.10	33	NNE	3	c	Scilly ...	30.40	45	N	5	o
Stornoway ...	30.18	44	NNW	2	b	Dover ...	30.26	35	W	2	og
Aberdeen ...	30.14	37	NNW	3	bc	London ...	30.30	34	NNW	1	c
Shields ...	30.22	36	NNW	2	s	Yarmouth ...	30.20	37	NNW	3	ogf
Ardrossan ...	30.17	45	NNW	4	bc	Jersey ...	30.41	39	NNW	1	bc
Mullaghmore ...	30.38	46	W	2	bc	Roche fort ...	30.36	39	NE	2	f
Holyhead ...	30.14	44	NNW	4	c						

The fall of the barometer at Stornoway has ceased. A secondary depression is advancing toward our NE district from the NW. The sky has now begun to clear in London.

KINGSTOWN. 30.31 43 WNW 4 bc 30.02 -44 42 40 + 7 NW 6 c 5 44 32 0.09

## EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. equally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

\* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.

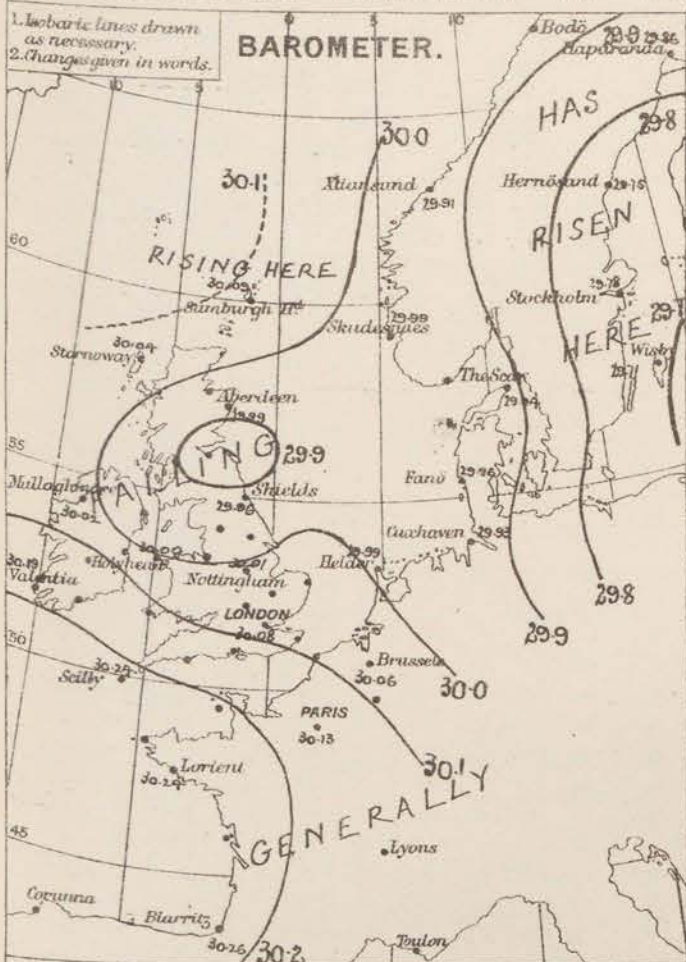
Received the late information in Chart.



# WEATHER CHARTS for 8 a.m. on Friday 16<sup>th</sup> January 1880.

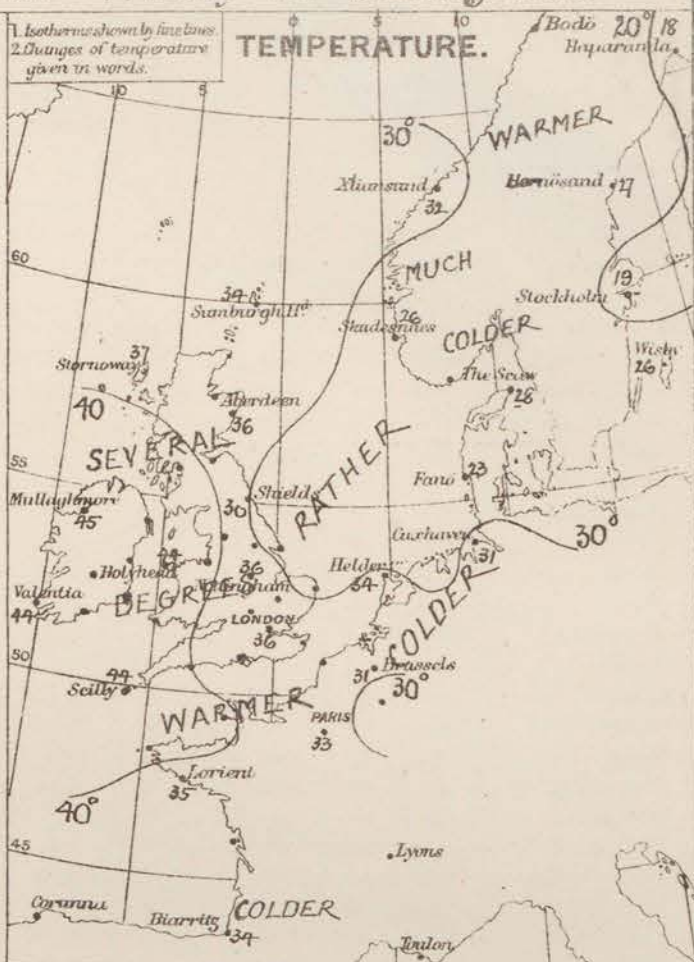
1. Isobaric lines drawn as necessary.  
2. Changes given in words.

## BAROMETER.



1. Isotherms shown by lines.  
2. Changes of temperature given in words.

## TEMPERATURE.



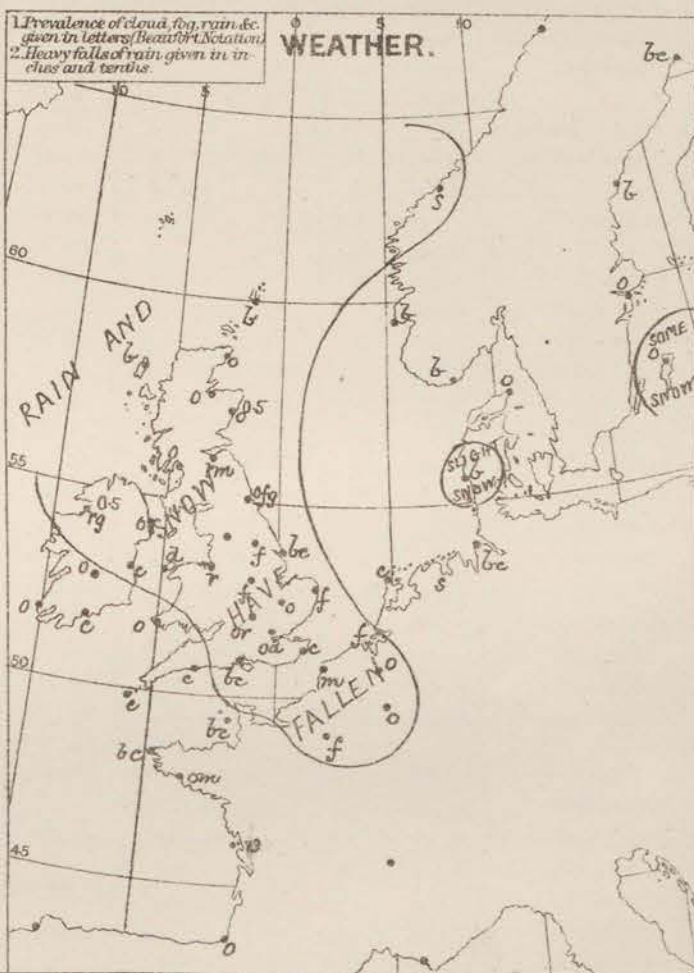
Arrows fly with the wind.  
Force 0 to 10 —  
Force 11 to 20 —  
Force 21 to 30 —  
Force 31 to 40 —  
Force 41 to 50 —  
Force 51 to 60 —  
Force 61 to 70 —  
Force 71 to 80 —  
Force 81 to 90 —  
Force 91 to 100 —  
Force 101 to 110 —  
Force 111 to 120 —  
Force 121 to 130 —  
Force 131 to 140 —  
Force 141 to 150 —  
Force 151 to 160 —  
Force 161 to 170 —  
Force 171 to 180 —  
Force 181 to 190 —  
Force 191 to 200 —  
Force 201 to 210 —  
Force 211 to 220 —  
Force 221 to 230 —  
Force 231 to 240 —  
Force 241 to 250 —  
Force 251 to 260 —  
Force 261 to 270 —  
Force 271 to 280 —  
Force 281 to 290 —  
Force 291 to 300 —  
Force 301 to 310 —  
Force 311 to 320 —  
Force 321 to 330 —  
Force 331 to 340 —  
Force 341 to 350 —  
Force 351 to 360 —  
Force 361 to 370 —  
Force 371 to 380 —  
Force 381 to 390 —  
Force 391 to 400 —  
Force 401 to 410 —  
Force 411 to 420 —  
Force 421 to 430 —  
Force 431 to 440 —  
Force 441 to 450 —  
Force 451 to 460 —  
Force 461 to 470 —  
Force 471 to 480 —  
Force 481 to 490 —  
Force 491 to 500 —  
Force 501 to 510 —  
Force 511 to 520 —  
Force 521 to 530 —  
Force 531 to 540 —  
Force 541 to 550 —  
Force 551 to 560 —  
Force 561 to 570 —  
Force 571 to 580 —  
Force 581 to 590 —  
Force 591 to 600 —  
Force 601 to 610 —  
Force 611 to 620 —  
Force 621 to 630 —  
Force 631 to 640 —  
Force 641 to 650 —  
Force 651 to 660 —  
Force 661 to 670 —  
Force 671 to 680 —  
Force 681 to 690 —  
Force 691 to 700 —  
Force 701 to 710 —  
Force 711 to 720 —  
Force 721 to 730 —  
Force 731 to 740 —  
Force 741 to 750 —  
Force 751 to 760 —  
Force 761 to 770 —  
Force 771 to 780 —  
Force 781 to 790 —  
Force 791 to 800 —  
Force 801 to 810 —  
Force 811 to 820 —  
Force 821 to 830 —  
Force 831 to 840 —  
Force 841 to 850 —  
Force 851 to 860 —  
Force 861 to 870 —  
Force 871 to 880 —  
Force 881 to 890 —  
Force 891 to 900 —  
Force 901 to 910 —  
Force 911 to 920 —  
Force 921 to 930 —  
Force 931 to 940 —  
Force 941 to 950 —  
Force 951 to 960 —  
Force 961 to 970 —  
Force 971 to 980 —  
Force 981 to 990 —  
Force 991 to 1000 —

## WIND & SEA.



1. Prevalence of cloud, fog, rain &c. given in letters (Beaufort Notation).  
2. Heavy falls of rain given in inches and tenths.

## WEATHER.



A dotted line is drawn where the signal is still up.

**REMARKS.** The weather over the United Kingdom continues in a most unsettled condition. The depression which was coming towards Scotland yesterday morning has travelled away to the E<sup>W</sup>, and in the night a new one has arrived over the Irish of Larch, causing a very general decrease of pressure, and a good deal of snow and rain at all but the SW stations. A brisk NE breeze has set in over Scotland, while W to NW winds are felt at our W stations, and SW to S airs over our E districts. Temperature has risen generally over England and Ireland, but remains low over France. The barometer is again falling briskly in the W. of Ireland this morning, and the gradient for NW winds in the rear of the depression noticed above are consequently not steep. The winds therefore are not at present strong. The N breeze was heaviest in the W last night and is still up.

Subscription for these charts payable in advance to cover delivery.

Delivery by hand 10/- per quarter  
by post 12/-

Meteorological Office,  
116, Victoria Street, Westminster S.W.

R. H. SCOTT,  
Secretary.



# DAILY WEATHER REPORT JAN 17<sup>th</sup> 1880.

STATION	YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.				
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.	Amount of Rainfall.		
Haparanda	29.78	6	N	2	b	29.84	-0.02	6	5	-12	N	2	?	*	?	3	-		
Hernösand	29.84	14	Z	0	b	29.83	+0.08	13	12	-14	NN	6	be	*	?	9	-		
Stockholm	29.83	14	NN	2	b	29.78	00	10	9	-9	NN	2	b	*	27	?	-		
Wisby	29.75	26	NNE	6	e	29.71	00	24	22	-2	NNN	6	e	*	32	23	-		
Bodö																			
Christiansund	29.91	29	WSW	1	b	29.81	-0.10	30	28	-2	WSW	4	e	3	32	18	0.20		
Skudesnaes	29.95	27	Z	0	b	29.84	-0.15	23	23	-3	NNN	1	b	2	34	?	-		
Oxö (Stiansund)	29.92	28	WSW	2	be	29.85	-0.09	26	23	+4	NNE	4	e	2	28	24	-		
Skagen (The Skaw)	29.91	24	ENE	2	b	29.60	-0.34	27	26	-1	E	2	*	*	30	24	-		
Fanö	29.91	28	NNN	2	b	29.77	-0.19	29	28	+6	NN	3	e	*	32	23	-		
Cuxhaven	30.11	30	NNE	1	b	29.86	-0.27	33	33	+2	NN	2	s	1	?	23	-		
Sumburgh Head	30.15	35	NNE	5	e	29.92	-0.17	35	35	+1	Z	0	r	2	37	31	0.07		
Stornoway	30.22	37	ENE	5	b	30.05	+0.01	38	37	+1	NNE	1	o	1	40	32	-		
Wick	30.20	27	N	5	o	30.00	-0.20	34	33	-3	SW	2	o	2	38	26	0.03		
Nairn	30.19	36	Z	0	b	30.10	+0.09	33	32	0	W	3	o	2	37	30	0.02		
Aberdeen	30.13	33	N	3	b	30.06	+0.07	34	32	-2	WNW	4	o	3	40	31	0.01		
Leith	30.13	39	ENE	14	be	30.14	+0.25	32	31	-6	W	4	cm	*	39	32	0.07		
Shields	30.06	38	E	2	o	30.11	+0.15	32	32	+2	NNN	2	b	4	29	28	0.18		
Spurn Head	29.97	38	ENE	4	m	30.06	+0.06	34	33	+5	NN	4	be	4	39	29	-		
York	30.00	31	NNE	1	o	30.11	+0.11	29	29	-1	N	1	e	*	35	24	-		
Nottingham	29.98	38	NNE	2	o	30.12	+0.11	29	29	-7	N	1	b	*	41	28	0.12		
Ardrossan	30.09	35	E	3	b	30.18	+0.28	32	29	-11	N	1	be	1	42	31	0.04		
Mullaghmore	30.04	41	NE	5	b	30.22	+0.20	34	33	-11	SSW	2	b	2	46	33	0.14		
Donaghadee	30.08	40	NNE	7	o	30.19	+0.24	34	34	-5	ENE	4	b	2	44	36	-		
Parsonstown	30.04	40	NNE	1	o	30.20	+0.25	31	31	-9	Z	0	b	2	44	30	0.13		
Holyhead	29.95	43	NNN	3	e	30.13	+0.13	36	34	-8	E	3	b	3	45	35	0.25		
Liverpool (Bidston)	29.95	41	NNN	1	r	30.14	+0.18	31	29	-11	ENE	1	b	1	43	31	0.43		
Valentia	30.07	45	NNN	3	be	30.01	-0.18	38	36	-6	NE	6	cm	6	47	37	0.54		
Roche's Point	30.07	45	W	4	be	30.08	-0.06	39	38	-3	NNE	3	o	3	48	38	0.16		
Pembroke	29.98	45	W	5	r	30.05	-0.07	39	38	-6	ENE	3	cm	3	46	34	0.30		
Scilly	30.10	47	W	6	o	30.00	-0.24	44	44	0	W	6	of	5	47	43	0.21		
Prawle Point	30.08	42	W	4	o	30.00	-0.16	40	40	0	NNW	1	r	2	44	38	0.26		
Hurst Castle	30.03	40	NNN	3	o	30.04	-0.09	37	37	0	ENE	3	cm	3	40	37	0.23		
Dover	29.98	37	W	2	cm	30.02	-0.06	36	36	+2	N	4	e	2	38	32	0.06		
London	29.99	39	W	2	of	30.06	-0.02	34	33	-2	NE	3	eg	*	40	34	0.24		
Oxford	29.99	37	NN	1	o	30.09	+0.01	34	33	-1	NE	1	og	*	39	33	0.28		
Cambridge	29.96	37	SW	1	o	30.08	+0.04	29	29	-3	N	1	be	*	39	28	0.08		
Yarmouth	29.99	34	Z	0	f	30.04	-0.01	31	30	+2	Z	0	f	3	35	27	-		
The Helder	*	*	*	*	*	29.98	-0.01	24	23	-10	WSW	1	s	*	*	*	*		
Cape Gris Nez	29.97	37	WSW	1	f	30.02	-0.07	37	37	+3	NE	3	m	1	39	34	0.12		
Jersey	30.14	43	W	4	be	30.05	-0.09	42	41	+1	NN	3	or	3	46	40	0.13		
Brest	30.21	45	NNN	4	o	30.11	-0.10	45	42	+4	W	4	b	3	45	?	-		
Lorient	30.19	41	NNN	1	o	30.10	-0.09	42	40	+7	NNN	3	e	2	45	?	-		
Roche fort	30.26	40	SW	3	be	30.18	-0.08	39	37	+2	SW	4	be	2	?	?	-		
Biarritz	30.29	36	SE	4	m	30.16	-0.13	33	29	-1	ESE	5	e	2	43	27	-		
Corunna	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Brussels	*	*	*	*	*	30.08	-0.06	31	31	0	NNE	1	o	*	34	31	0.04		
Charleville	?	30	SW	4	o	?	?	29	?	+4	S	4	o	*	31	?	0.12		
Paris	30.13	36	?	1	r	30.02	-0.11	38	38	+5	SW	1	r	*	*	*	0.12		
L Lyons	30.22	26	E	1	o	30.15	-0.10	28	28	+11	E	1	s	*	35	25	0.04		
Toulon	30.02	39	NN	3	b	30.12	-0.10	36	33	-3	NNN	4	o	0	45	25	-		

## YESTERDAY'S 045PM REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.	
Skudesnaes ...	29.98	31	28	NNH	3	0	2	Valentia ...	30.13	46	45	W	3	r
Sumburgh Head	30.13	35	33	NNE	5	be	4	Scilly ...	30.20	46	45	WSW	5	o
Stornoway ...	30.14	39	37	ENE	6	b	5	Dover ...	30.04	36	35	W	2	og
Aberdeen ...	30.09	39	35	NE	4	be	5	London ...	30.02	40	39	WSW	2	r
Shields ...	29.96	36	36	NNH	2	r	4	Yarmouth ...	30.02	31	30	WSW	1	of
Ardrossan ...	29.95	36	34	E	3	s	2	Jersey ...	30.18	45	44	W	4	e
Mullaghmore ...	30.01	43	42	N	6	og, g	4	Roche fort ...	30.28	43	39	NH	3	o
Holyhead ...	29.98	44	44	NNH	6	r	5							

The depression noticed over the Firth of Forth this morning, and a secondary one which has since appeared over the north of England are both moving south eastwards, and strong NW. to N. winds are appearing at our north-western stations with colder weather.

KINGSTOWN. | 30.00 | 42 | WNW | 4 | be | 30.16 | +0.14 | 41 | 37 | -1 | NNE | 4 | e | 4 | 43 | 36 | 0.15

## EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. equally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

\* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.

† Received too late for insertion in Chart







# DAILY WEATHER REPORT

JAN<sup>y</sup> 18<sup>th</sup>

1880.

STATIONS.	YESTERDAY EVENING.						8 A.M. TO DAY.						PAST 24 HOURS.			
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	Reading at 32° F. and Sea Level.	SHADE TEMP.		Difference from 8 a.m. yesterday.	Wind.	Force (0 to 12).	Weather.	Sea (0 to 9).	SHADE TEMP.		Amount of Rainfall.
			Dirac.	Force (0 to 12).			Dry.	Wet.		Dirac.	Force (0 to 12).			Max.	Min.	
Haparanda ...	29.95	1	N	2	b	29.95	+14	0	0	-6	N	2	b	7	-2	-
Hernösand ...	30.00	12	NTN	4	b	30.07	+24	12	11	-1	NTN	2	bc	18	7	-
Stockholm ...	29.91	15	N	2	o	29.94	+16	12	11	+2	NTN	2	bc	21	9	-
Wisby ...	29.73	26	NNE	6	s	29.81	+10	21	20	-3	NE	6	s	28	19	0.08
Bodö ...	30.10	15	E	2	c	30.10		20	18		E	2	c	7	10	-
Christiansund ...	29.96	21	ENE	4	b	30.14	+33	18	17	-12	ESE	4	b	27	9	-
Skudesnaes ...	29.85	26	L	0	c	30.14	+30	27	23	+4	SE	2	c	31	23	-
Oxö (Xiansund) ...	29.33	25	NNE	6	s	30.14	+29	17	15	-9	NNE	6	b	27	14	-
Skagen (The Skaw) ...	29.95	22	NE	3	bc	30.10	+50	29	19	-7	NE	4	c	28	14	-
Fanö ...	29.88	24	ENE	6	c	30.06	+29	17	16	-12	NNE	4	b	2	12	-
Cuxhaven ...	29.81	33	NNE	1	bc	30.01	+15	26	24	-7	ENE	2	b	34	25	-
Sumburgh Head ...	29.87	36	NNE	4	c	30.07	+15	36	32	+1	NE	5	o	29	32	0.06
Stornoway ...	29.95	36	N	3	bc	30.04	-01	35	35	-3	N	1	c	42	30	0.15
Wick ...	29.81	39	N	4	r	30.06	+06	35	34	+1	NNE	4	orsp	40	32	0.26
Nairn ...	29.93	37	N	2	o	30.04	-06	33	32	0	NTN	2	orsp	37	30	0.20
Aberdeen ...	29.83	38	WSN	2	b	30.01	-05	26	24	+2	ENE	3	a	40	34	0.10
Leith ...	29.91	36	WNTN	4	o	29.95	-19	37	37	+5	ENE	4	r	38	31	0.02
Shields ...	29.97	38	WNTN	2	o	29.94	-17	35	35	+3	N	2	o	41	32	0.07
Spurn Head ...	29.96	35	WNTN	5	b	29.92	-14	35	34	+1	WNTN	4	mw	37	33	-
York ...	30.01	23	WNTN	1	bc	29.94	-17	32	32	+3	STN	1	b	36	28	0.01
Nottingham ...	30.02	32	WNTN	1	bc	29.98	-14	29	29	0	STN	1	o	37	27	-
Ardrossan ...	29.94	41	WSN	3	o	29.96	-22	32	31	0	L	6	o	43	30	0.02
Mullaghmore ...	29.99	42	WNTN	5	o	29.98	-24	35	34	+1	WSN	2	cj	44	32	0.10
Donaghadee ...	30.05	36	N	2	o	29.94	-25	29	27	+1	ENE	4	b	41	25	0.02
Parsonstown ...	30.15	30	L	0	b	29.99	-21	29	29	-2	NTN	1	o	38	26	0.08
Holyhead ...	30.06	39	WNTN	3	c	29.96	-17	40	39	+4	STN	1	mw	41	35	0.09
Liverpool (Bidston) ...	30.04	36	NTN	1	c	29.93	-21	35	33	+4	STN	1	o	38	31	-
Valentia ...	30.14	37	NE	2	b	29.99	-02	34	34	-4	L	0	c	43	31	0.03
Roche's Point ...	30.08	35	NE	3	b	29.97	-11	26	25	-3	N	3	r	42	31	0.04
Pembroke ...	30.07	35	NE	1	bc	29.96	-09	25	25	-4	L	0	bc	39	33	-
Scilly ...	29.97	45	NE	6	o	29.96	-04	40	38	-4	ENE	5	c	49	39	0.03
Prawle Point ...	30.01	36	NE	4	o	29.94	-06	33	32	-7	NNE	2	o	42	31	0.19
Hurst Castle ...	30.03	34	NE	3	b	29.94	-16	28	27	-9	ENE	2	bm	37	27	-
Dover ...	30.01	33	N	2	b	29.96	-06	31	30	-5	N	3	b	38	30	-
London ...	30.04	31	N	1	bf	29.98	-08	24	23	-10	STN	1	b	39	23	-
Oxford ...	30.04	32	NTN	1	bc	29.99	-10	25	25	-9	L	0	bm	37	25	-
Cambridge ...	30.02	31	NTN	1	bc	29.97	-11	23	23	-6	N	1	b	42	22	-
Yarmouth ...	29.98	24	NTN	2	bc	29.95	-09	27	27	-4	WNTN	2	cf	37	25	-
The Helder ...	*	*	*	*	*	29.96	-02	28	27	+4	ESE	1	c	*	*	*
Cape Gris Nez ...	30.04	33	S	1	c	29.98	-04	31	31	-6	S	1	mw	39	30	-
Jersey ...	30.01	42	WNTN	1	o	29.95	-10	38	38	-4	ENE	2	our	44	37	0.67
Brest ...	30.02	42	WSN	1	o	29.90	-21	41	39	-4	ENE	3	b	46	37	0.12
Lorient ...	30.00	41	STN	1	b	29.89	-21	37	36	-5	NW	3	mw	48	36	-
Rochefort ...	30.08	39	SSN	3	bc	?	?	32	28	-7	ESE	5	bc	?	?	-
Biarritz ...	30.04	43	ESE	5	o	29.89	-27	43	40	+10	S	2	o	46	37	-
Corunna ...	*	*	*	*	*	29.87		49	*		STN	?	cp	*	*	*
Brussels ...	*	*	*	*	*	29.95	-08	27	26	-4	WSN	3	o	32	26	-
Charleville ...	?	19	E	4	o	?	?	16	?	-13	STN	4	o	38	14	-
Paris ...	30.01	36	?	1	o	30.02	00	29	28	-9	ENE	3	f	*	*	-
Lyons ...	30.06	33	NNE	1	r	29.98	-17	33	33	+5	NE	1	f	35	32	0.12
Toulon ...	29.99	40	NTN	8	b	29.96	-22	39	33	+3	NW	5	b	45	32	-

## YESTERDAY'S 045PM REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wen.	Sec.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		
Skudesnaes ...	29.82	31	28	ENE	2	r	2	Valentia ...	30.16	42	39	NE	4	bm	5
Sumburgh Head ...	29.81	38	37	NNE	2	c	2	Scilly ...	30.00	47	45	E	2	c	4
Stornoway ...	29.95	41	41	NNW	4	bc	4	Dover ...	30.03	37	35	ENE	3	b	1
Aberdeen ...	29.95	36	34	W	2	c	3	London ...	30.07	36	34	NNE	3	c	2
Shields ...	30.06	34	34	WNW	2	c	3	Yarmouth ...	30.02	36	35	WNW	2	bf	2
Ardrossan ...	30.10	37	34	WNW	2	s	1	Jersey ...	30.07	43	43	WSTW	1	op.	1
Mullaghmore ...	30.21	40	38	SW	2	bc	2	Rochefort ...	30.12	46	41	SW	4	bc	2
Holyhead ...	30.13	39	37	NNE	3	c	2								

The report from Valentia for 8 am today has proved faulty so that the appearance is far less threatening than it appeared to be then. In the N. however, the barometer is falling and there seems to be a depression between the Shetlands and Norway, travelling in a SE direction.

KINGSTOWN	30.11	36	NTN	3	b	29.96	-20	36	35	-5	WNTN	4	c	4	41	33	0.08
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## EXPLANATION OF COLUMNS.

**WEATHER.**—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

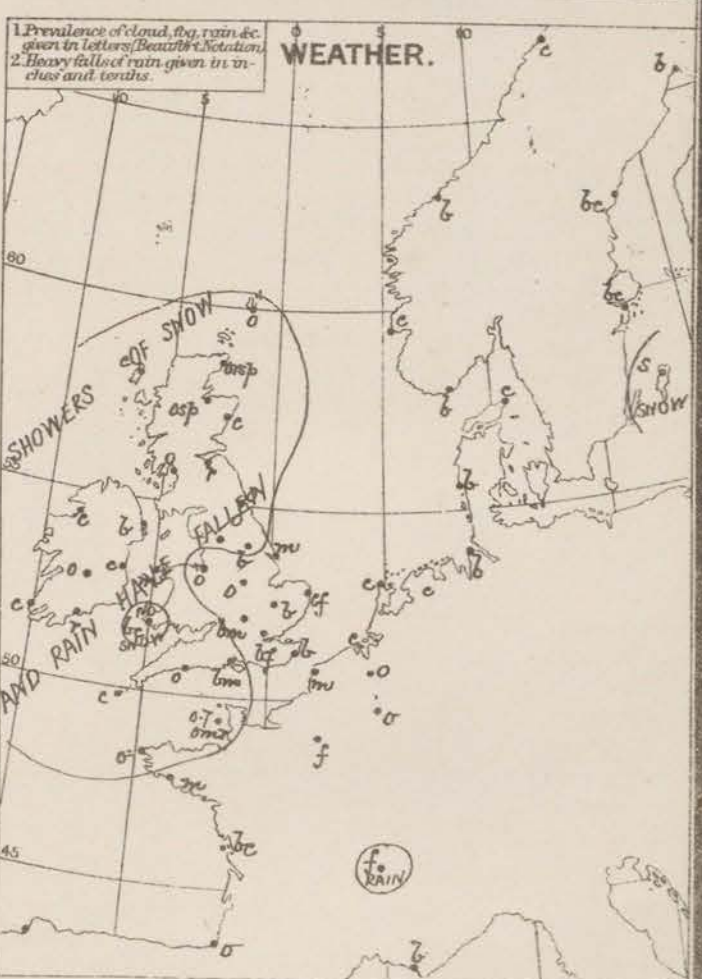
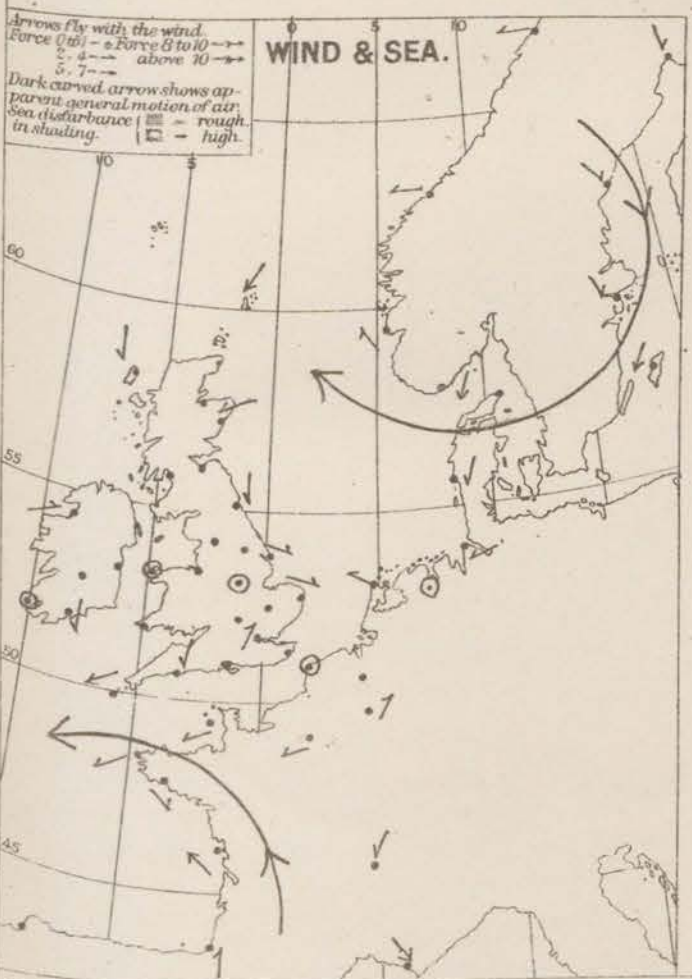
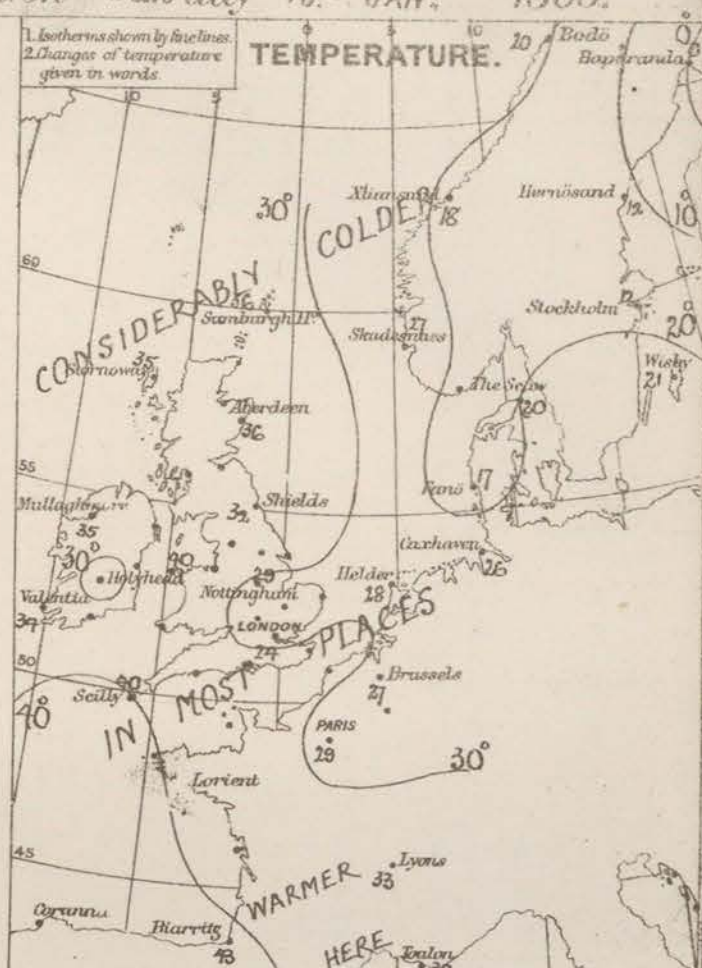
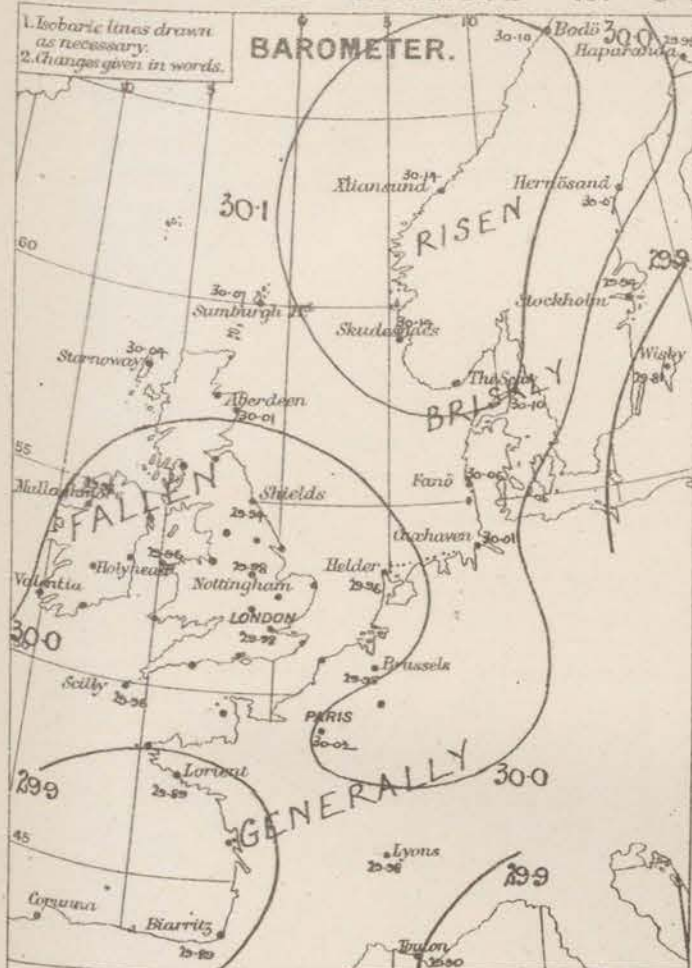
\* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.



WEATHER CHARTS for 8 a.m. on *Sixth day 18<sup>TH</sup> JAN<sup>Y</sup> 1880.*



REMARKS. The weather over our Islands this morning is in a very quiet condition. Showers of snow or rain have fallen during the past 24 hours except in the SE, and still continue at several of the Scotch stations. Temperature is low generally especially over the more S<sup>l</sup> of our inland stations; at Cambridge the thermometer stands at 23°, in London 21°, and at Oxford 25°, while in Scotland the readings vary from 33° to 37°. Over Norway and Sweden very sharp frost prevails, readings ranging from 0° at Haparanda to 27° at Skutumpah. Barometrical pressure is increasing in the N. of our Islands and over Scandinavia, but is decreasing elsewhere, and while NE breezes prevail at most of the coast stations, only variable airs are reported inland. The sea is moderate to slight. Owing to a systematic error the Dr. Line was hoisted on all our N<sup>l</sup> coasts yesterday, there having now been lowered again this morning.

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R. H. SCOTT.  
Scribbler

### Secretary



# DAILY WEATHER REPORT

JAN<sup>y</sup> 19<sup>th</sup>

1880.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.			Weather.	BAROMETER.		SHADE TEMP.			WIND.			Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.
			Direc.	Force. (0 to 12).			Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 12).				Max.	Min.	
Haparanda ...	30.14	-9	N	2	6		30.07	+ .09	1	1	+ 1	S	4	0	*		1	-13	-
Hernösand ...	30.16	12	Z	0	0		30.18	+ .11	17	16	+ 5	SH	2	0	*		?	7	-
Stockholm ...	30.09	15	N	2	0		30.19	+ .25	12	12	0	N	2	0	*		21	9	-
Wisby ...	29.96	21	NE	6	0		30.02	+ .21	21	20	0	NE	6	8	*		27	19	0.12
Bodö ...	30.07	28	E	2	5		29.95	- .10	35	31	+ 19	SH	6	1	*		?	19	-
Christiansund ...	30.27	21	ESE	4	6		30.28	+ .06	31	31	+ 12	SH	3	10	2		23	10	-
Skudesnaes ...	30.20	19	Z	0	6		30.38	+ .24	27	23	0.10	SSE	4	60	3		23	19	-
Oxö (Klansund) ...	30.21	19	NNW	4	6		30.37	+ .23	16	14	- 4	NNW	4	60	2		19	13	-
Skagen (The Skaw)	30.25	24	NNE	4	6		30.32	+ .22	23	22	+ 3	NNE	4	6	*		23	14	-
Fanö ...							30.3		25	25					*				
Cuxhaven ...	30.13	16	NE	2	6		30.27	+ .36	28	25	- 1	NE	3	0	1		?	21	-
Samburgh Head ...	30.21	35	NNW	3	60		30.23	+ .26	35	33	- 1	Z	0	0	2		36	32	-
Stornoway ...	30.20	24	Z	0	6		30.38	+ .34	30	30	- 5	Z	0	6	0		39	29	-
Wick ...	30.23	26	N	2	0		30.37	+ .31	34	31	- 1	SH	1	60	0		38	30	0.02
Nairn ...	30.24	20	Z	0	60		30.40	+ .40	27	27	- 6	Z	0	6	2		24	27	0.11
Aberdeen ...	30.22	23	SH	1	5		30.42	+ .41	32	31	- 4	SH	1	0	2		38	31	0.02
Leith ...	30.19	34	ENE	2	6		30.44	+ .49	24	24	- 10	SH	1	0	*		40	24	0.01
Shields ...	30.16	37	E	5	0		30.44	+ .30	29	29	- 3	Z	0	0	3		39	29	0.05
Spurn Head ...	30.10	35	ESE	6	6		30.41	+ .49	32	31	- 3	ESE	3	60	5		38	31	-
York ...	30.09	36	N	1	1		30.44	+ .50	25	25	- 7	NNW	1	0	*		38	24	0.01
Nottingham ...	30.11	34	NNE	1	0		30.45	+ .47	28	23	- 4	E	2	60	*		35	23	0.05
Ardrossan ...	30.16	23	ENE	3	0		30.43	+ .57	28	26	- 4	E	2	6	2		35	27	-
Mullaghmore ...	30.04	40	E	5	0		30.30	+ .32	38	37	+ 8	ESE	5	0	4		45	34	-
Donaghadee ...	30.09	40	E	6	0		30.40	+ .46	37	34	- 2	ESE	3	0	2		41	36	0.05
Parsonstown ...	30.04	34	Z	0	0		30.31	+ .32	32	32	+ 3	Z	0	0	0		38	28	-
Holyhead ...	30.02	29	SH	2	0		30.34	+ .38	34	33	- 6	E	3	6	2		42	33	0.01
Liverpool (Bidston) ...	30.08	36	ESE	2	0		30.38	+ .45	28	27	- 7	ESE	2	6	1		37	28	0.01
Valentia ...	30.21	37	NE	2	6		30.23	+ .24	40	35	+ 6	ENE	3	60	2		44	35	-
Roche's Point ...	30.01	32	NNE	3	6		30.22	+ .25	42	41	+ 6	ESE	5	0	4		42	32	0.28
Pembroke ...	30.01	38	E	2	0		30.27	+ .31	36	35	+ 1	E	2	0	2		40	32	0.08
Scilly ...	29.96	41	ENE	5	0		30.12	+ .16	44	42	+ 4	E	6	0	5		44	29	0.03
Prawle Point ...	29.97	40	E	4	0		30.19	+ .25	37	37	+ 4	ENE	6	0	5		41	31	-
Hurst Castle ...	30.04	35	ENE	3	6		30.27	+ .35	34	31	+ 6	E	5	0	6		38	27	-
Dover ...	30.06	35	N	2	0		30.33	+ .37	30	28	- 1	ENE	5	60	4		37	29	0.02
London ...	30.08	30	Z	0	0		30.36	+ .38	27	26	+ 3	SE	3	60	*		34	24	-
Oxford ...	30.07	33	Z	0	0		30.36	+ .37	26	26	+ 1	E	1	6	*		40	25	-
Cambridge ...	30.05	32	ESE	1	0		30.41	+ .44	22	21	- 1	E	1	6	*		35	21	-
Yarmouth ...	30.07	33	ESE	7	5		30.40	+ .45	28	27	+ 1	ESE	4	6	4		34	26	-
The Helder ...	*	*	*	*	*		30.41	+ .45	22	21	- 6	SE	1	0	*		*	*	*
Cape Gris Nez ...	30.08	34	Z	0	0		30.36	+ .38	21	21	- 10	E	2	6	1		39	21	-
Jersey ...	30.01	27	E	3	0		30.22	+ .27	29	28	- 9	ENE	3	60	2		38	29	0.02
Brest ...	29.89	39	ESE	5	1		30.10	+ .20	38	35	- 4	ESE	3	60	3		41	34	0.12
Lorient ...	29.92	29	ESE	4	0		30.06	+ .17	32	30	- 5	E	7	6	4		41	30	-
Rochefort ...	29.95	38	SE	1	6		30.01	?	34	32	+ 2	E	7	0	2		46	27	-
Biarritz ...	29.89	47	S	5	0		29.89	00	41	39	- 2	ESE	5	1	2		?	37	0.08
Corunna ...	*	*	*	*	*				*								*	*	*
Brussels ...	*	*	*	*	*		30.38	+ .43	5	?	- 22	E	1	6	*		32	5	0.04
Charleville ...	?	25	S	4	0		?	?	10	?	- 6	S	4	6	*		30	10	-
Paris ...	30.08	27	?	1	6		30.22	+ .20	29	25	0	ESE	1	6	*		*	*	-
Lyons ...	30.01	35	ENE	1	0		30.14	+ .16	23	23	- 10	N	1	0	*		40	23	-
Toulon ...	29.90	42	SH	5	6		29.96	+ .06	40	34	+ 1	Z	0	6	3		30	37	-

## YESTERDAY'S 0.45 PM REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	30.13	28	23	SSE	4	6	3	Valentia ...							
Samburgh Head ...								Scilly ...					*		
Stornoway ...								Dover ...							
Aberdeen ...								London ...							
Shields ...								Yarmouth ...							
Ardrossan ...								Jersey ...							
Mullaghmore ...								Rochefort ...	29.94	45	44	ESE	3	60	2
Holyhead ...															

KINGSTOWN 30.03 37 W 3 0 30.32 + .36 40 38 + .4 ENE 5 0 5 42 33 0.03

## EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is, h. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. equally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

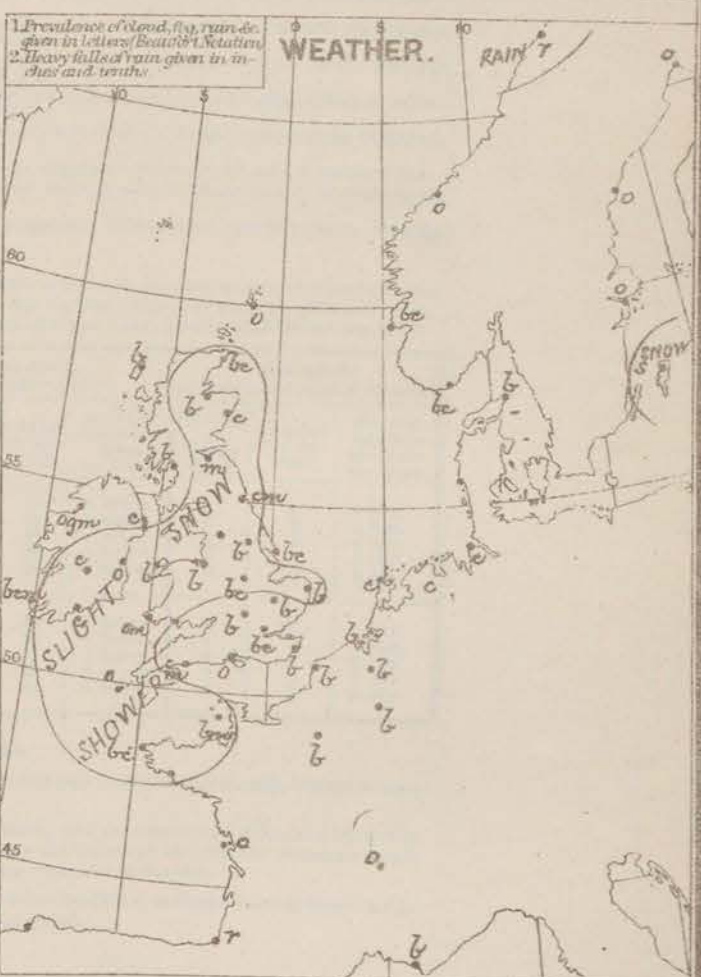
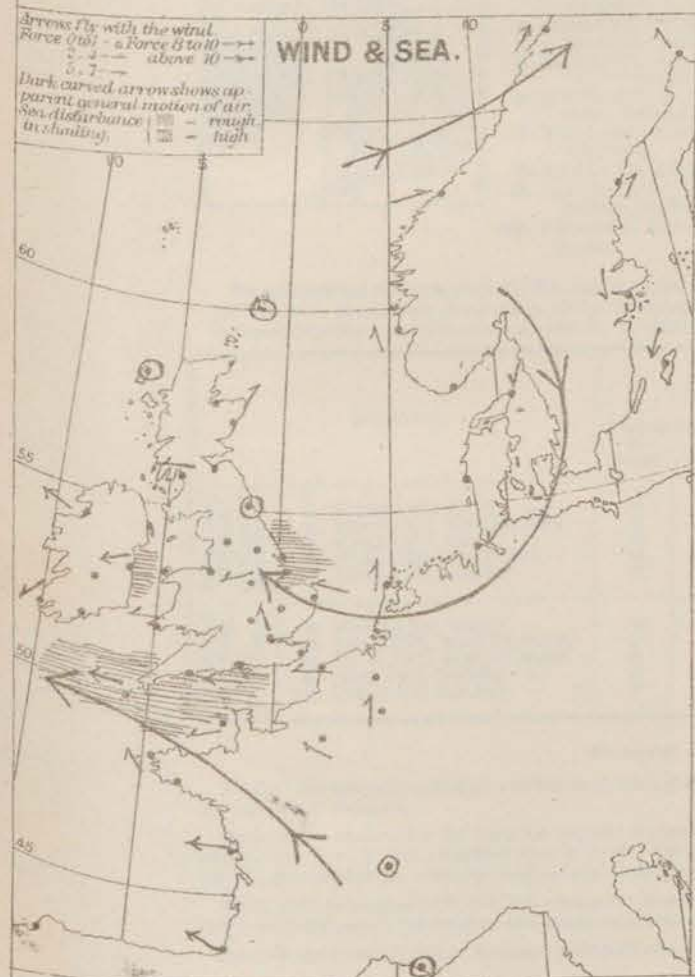
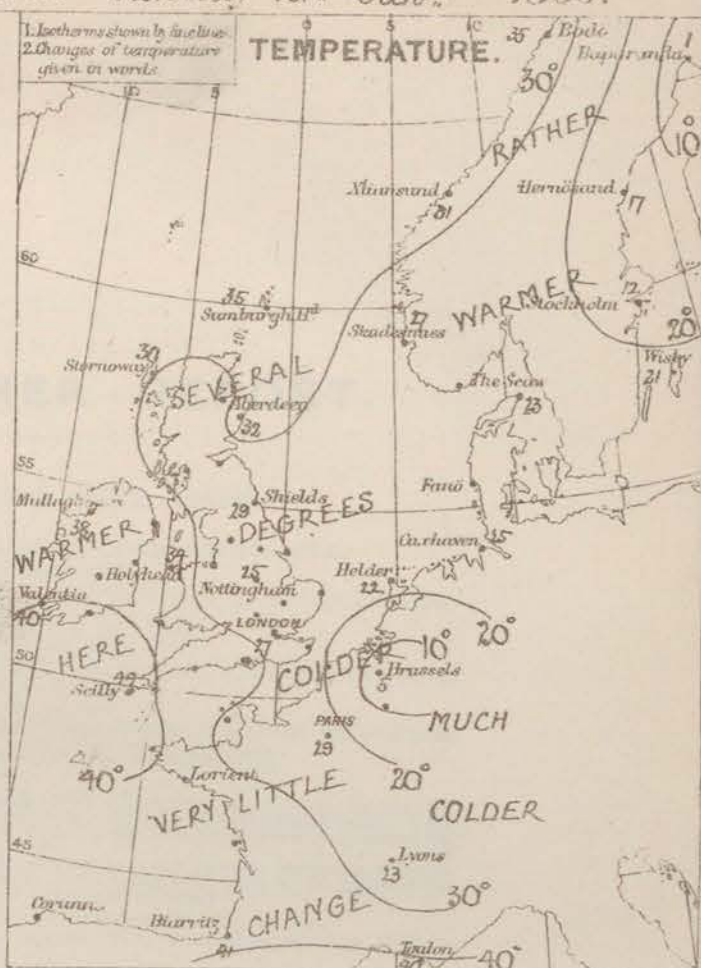
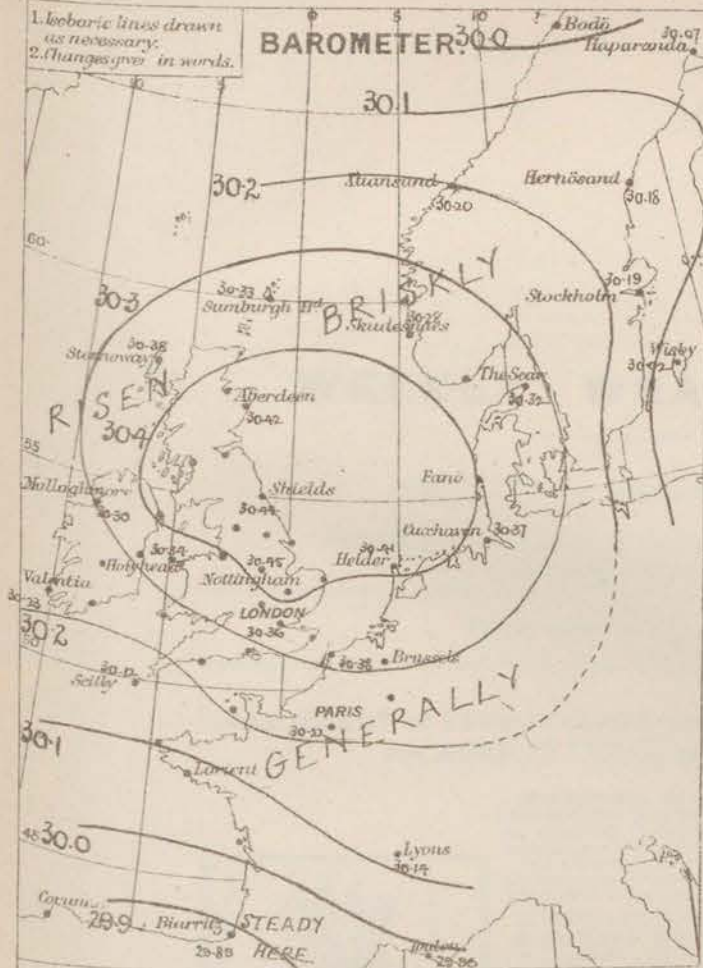
\* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.



WEATHER CHARTS for 8 a.m. on Monday 19<sup>th</sup> Jan<sup>y</sup> 1850.



REMARKS. The barometer has fallen somewhat over the N. of Scandinavia, and has been steady during the night at  
Bisnity, but in all other parts of our area the mercury has risen so that this morning a large anticyclone is shown  
over the North Sea, and our N<sup>o</sup> stations with comparatively low pressures reported from the N. of Norway and the  
N. of Spain. No consequence light breezes and fine light weather prevail at all our more E<sup>o</sup> and N<sup>o</sup> stations, fresh  
to strong E winds and dull unsettled weather in the W. of France and our extreme SW. coasts, and moderate to fresh SW  
winds in Scandinavia with overcast skies and some rain. Temperature has risen a few degrees over Norway and  
London and the W. of Ireland fallen in all other places. Sharp frost prevails over a large part of our area readings ranging  
over these Islands from 44° at Sicily to 21° at Cambridge, over France from 10° at Cherbourg and 5° at Dinouls to 44° at Bisnity, and  
over Scandinavia from 36° at Rode to 7° at Naparanda. During last night the thermometer fell to 21° at Cambridge and Cape  
Fris Haz. to 23° at Nottingham and to 24° at York. Little and in London. Sea is moderate to smooth except in the Channel  
where it is rather rough.

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Meteorological Office.  
116, Victoria Street, Westminster. S.W.

R. H. SCOTT.  
Secretary.

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Secretary.



# DAILY WEATHER REPORT JAN 20<sup>th</sup> 1880.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Dirac.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dirac.	Force. (0 to 12).			Max.	Min.			
Haparanda	29.70	15	SE	4	5	29.65	- 4.2	10	10	+ 9	E	4	5	*	?	9	0.35		
Hernösand	29.53	25	SSW	2	0	29.74	- 4.4	33	32	+ 16	NNW	4	bc	*	?	9	0.04		
Stockholm	30.10	15	WSW	2	0	29.81	- 3.8	24	23	+ 12	WSW	4	0	*	?	9	0.35		
Wisby	30.09	20	SW	4	0	29.88	- 1.4	28	27	+ 7	W	6	5	*	?	18	-		
Bodö	29.71	34	SW	4	0	29.90	- 0.5	30	29	- 5	N	6	c	3	36	28	-		
Christiansund	30.02	35	WSW	8	5	30.12	- 0.8	36	33	+ 5	N	3	0	4	36	25	0.28		
Skudesnaes	30.29	30	SE	4	0	30.13	- 2.5	36	36	+ 9	NN	4	2	2	?	27	-		
Oxö (Kristenud)	30.29	27	WSW	4	0	30.01	- 2.6	36	34	+ 20	NNN	2	6	1	?	?	-		
Skagen (The Skaw)	30.23	31	NNN	4	0	29.99	- 3.3	35	34	+ 12	NN	4	6		36	18	-		
Fanö	30.38	25	WSW	1	6	30.17		36	35		W	4	c	*	36	16	-		
Cuxhaven	30.50	22	W	1	0	30.32	- 0.5	29	29	+ 4	WSW	5	5	*	?	19	-		
Sumburgh Head	30.32	40	NNN	5	2	30.33	0.0	40	37	+ 5	N	2	0	2	43	33	0.10		
Stornoway	30.45	35	NNN	2	2	30.47	+ 0.9	37	35	+ 7	WSW	1	c	1	37	?	-		
Wick	30.45	28	NN	1	6	30.42	+ 0.5	36	35	+ 2	NN	2	6	0	37	26	0.01		
Nairn	30.50	38	W	2	6	30.48	+ 0.4	33	32	+ 6	SSW	2	bc	1	33	24	-		
Aberdeen	30.49	31	W	1	6	30.47	+ 0.5	35	33	+ 3	NNN	3	c	2	35	26	-		
Leith	30.56	31	W	3	bc	30.54	+ 1.0	30	29	+ 6	W	4	bc	*	35	24	-		
Shields	30.57	30	NNN	1	m	30.56	+ 1.2	26	26	- 3	NNN	4	bc	3	33	23	-		
Spurn Head	30.53	32	W	4	bc	30.56	+ 1.5	29	28	- 3	NNN	5	bc	5	34	28	-		
York	30.56	28	NNN	1	6	30.61	+ 1.7	22	22	- 3	NNN	1	6	*	34	20	-		
Nottingham	30.60	25	Z	0	6	30.65	+ 2.0	14	13	- 11	Z	0	6	*	32	13	-		
Ardrossan	30.57	28	ENE	1	6	30.59	+ 1.6	28	27	0	SE	1	cf	1	37	24	-		
Mullaghmore	30.49	35	ESE	4	6	30.57	+ 2.7	30	28	- 8	SSE	3	6	2	41	28	-		
Donaghadee	30.57	36	S	3	c	30.63	+ 2.3	28	27	- 9	SW	1	bc	0	38	27	-		
Parsonstown	30.49	33	SE	4	6	30.62	+ 3.1	23	23	- 9	SW	0	6	2	34	23	-		
Holyhead	30.52	32	ESE	3	6	30.61	+ 2.7	28	27	- 6	SSE	1	6	0	36	27	-		
Liverpool (Bidston)	30.56	29	ESE	1	6	30.63	+ 2.5	23	22	- 5	SSE	1	6	1	31	22	-		
Valentia	30.58	41	E	5	bc	30.49	+ 2.6	39	36	- 1	E	5	c	4	44	38	-		
Roche's Point	30.41	40	SE	6	c	30.57	+ 2.9	38	36	- 4	SSE	5	0	4	42	37	-		
Pembroke	30.47	31	ENE	4	6	30.58	+ 3.1	30	29	- 6	E	2	c	2	36	29	-		
Scilly	30.32	42	E	8	0	30.49	+ 3.7	37	35	- 7	E	8	c	6	45	35	-		
Prawle Point	30.41	34	ENE	6	c	30.56	+ 3.7	33	31	- 4	E	5	c	5	38	30	-		
Hurst Castle	30.50	30	ENE	5	6	30.63	+ 3.6	23	22	- 11	NE	2	6	3	35	21	-		
Dover	30.34	28	ESE	4	6	30.60	+ 2.7	27	26	- 3	N	4	bc	1	30	25	-		
London	30.53	26	E	2	6	30.64	+ 2.8	18	?	- 9	SW	1	bc	*	32	17	-		
Oxford	30.56	25	E	1	6	30.64	+ 2.8	17	17	- 9	Z	0	6	*	31	17	-		
Cambridge	30.52	23	E	1	6	30.63	+ 2.2	23	23	+ 1	NN	1	c	*	33	17	-		
Yarmouth	30.44	29	Z	0	6	30.57	+ 1.7	28	27	0	NN	3	bc	3	35	25	-		
The Helder	*	*	*	*	*	30.45	+ 0.4	35	34	+ 13	NNN	1	c	*	*	*	*		
Cape Gris Nez	30.52	22	E	4	6	30.60	+ 2.4	28	28	+ 7	SW	1	0	2	28	21	-		
Jersey	30.43	32	E	4	6	30.61	+ 3.9	25	23	- 4	E	4	6	3	35	24	-		
Brest	30.36	33	NE	4	6	30.49	+ 3.9	26	25	- 11	E	5	6	4	43	?	-		
Lorient	30.11	34	E	7	m	30.46	+ 4.0	21	18	- 11	E	7	6	4	39	19	-		
Rochefort	30.12	33	ESE	7	bc	30.42	+ 4.1	19	17	- 15	E	7	6	2	43	16	-		
Biarritz	30.09	43	E	4	7	30.26	+ 3.7	27	23	- 14	E	4	6	3	45	25	0.12		
Corunna	*	*	*	*	*			*						*	*	*	*		
Brussels	*	*	*	*	*	30.53	+ 2.0	21	20	+ 16	SW	3	0	*	23	?	-		
Charleville	?	18	E	4	6	?	?	?	5	?	ENE	4	6	*	24	5	-		
Paris	30.47	24	?	4	6	30.62	+ 4.0	18	18	- 11	NE	1	6	*	*	*	-		
Lyons	30.28	19	N	1	7	30.53	+ 3.9	10	10	- 13	N	1	6	*	?	?	-		
Toulon	30.00	43	ESE	5	c	30.25	+ 2.9	38	33	- 2	E	5	bc	5	46	37	-		

## YESTERDAY'S 045PM REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		
Skudesnaes ...	30.36	31	28	S	5	0	3	Valentia ...	30.29	42	38	ENE	4	bc	5
Sumburgh Head	30.35	38	37	WNW	3	7	3	Scilly ...	30.27	44	41	E	8	c	6
Stornoway ...	30.43	37	35	Z	0	c	0	Dover ...	30.46	28	27	E	5	b	4
Aberdeen ...	30.49	33	31	WSW	1	bc	2	London ...	30.47	30	25	ENE	4	bc	6
Shields ...	30.52	31	31	WNW	1	c	4	Yarmouth ...	30.49	30	29	E	3	bc	3
Ardrossan ...	30.52	32	30	E	1	bc	0	Jersey ...	30.33	33	32	E	4	bc	3
Mullaghmore ...	30.43	40	37	SE	5	c	3	Rochefort ...	30.10	40	36	E	7	c	2
Holyhead ...	30.46	35	32	ESE	3	b	2								

Weather is dull in the extreme SW, W. and N., with rain in the Shetlands, but elsewhere the sky is nearly clear. Pressure is beginning to decrease slightly at Valentia, and the wind remains E in the S. and W in the N.

KINGSTOWN 30.51 35 SE 4 bc 30.62 +3.30 26 25 - 14 SSW 1 1 bc 2 41 26 -

## EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. equally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

\* AN ASTERISK is inserted in all places for which information is not usually received.

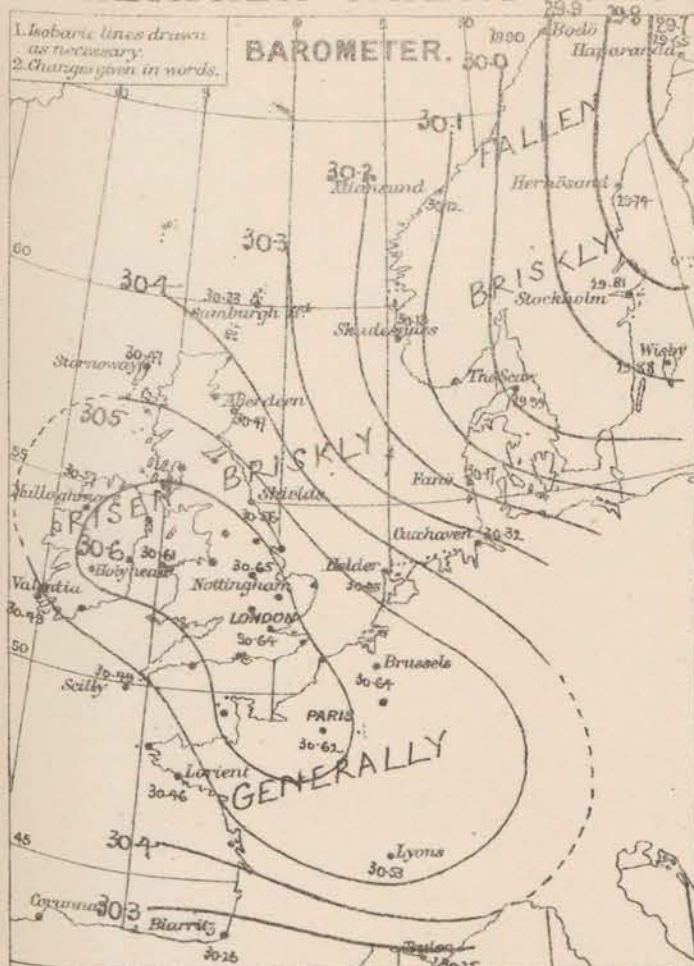
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.

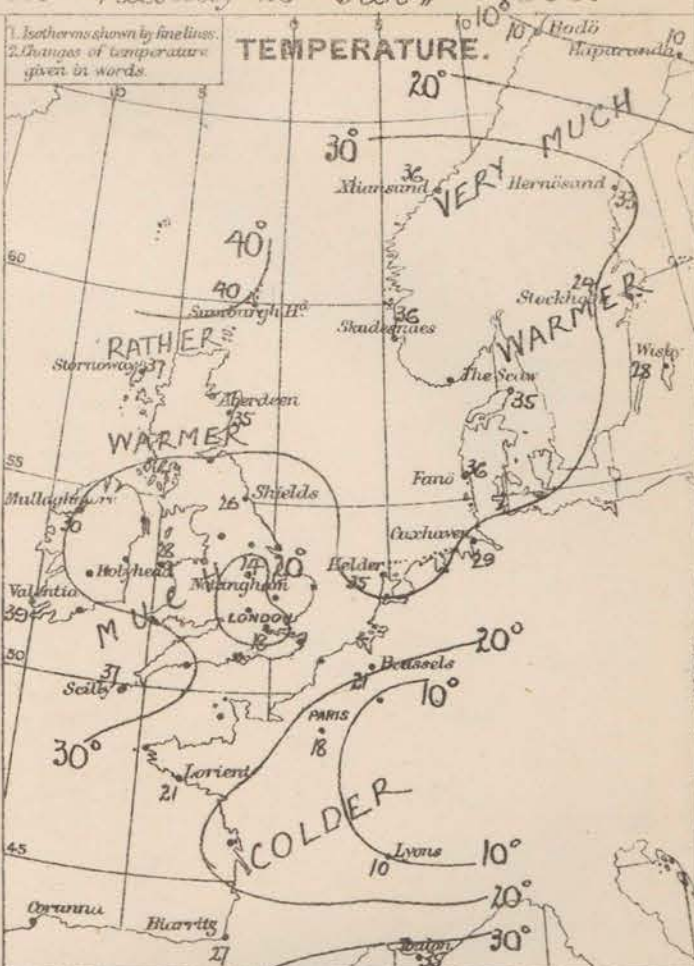


# WEATHER CHARTS for 8 a.m. on Tuesday 20<sup>th</sup> Jan<sup>y</sup> 1880.

1. Isobars lines drawn as necessary.  
2. Changes given in words.

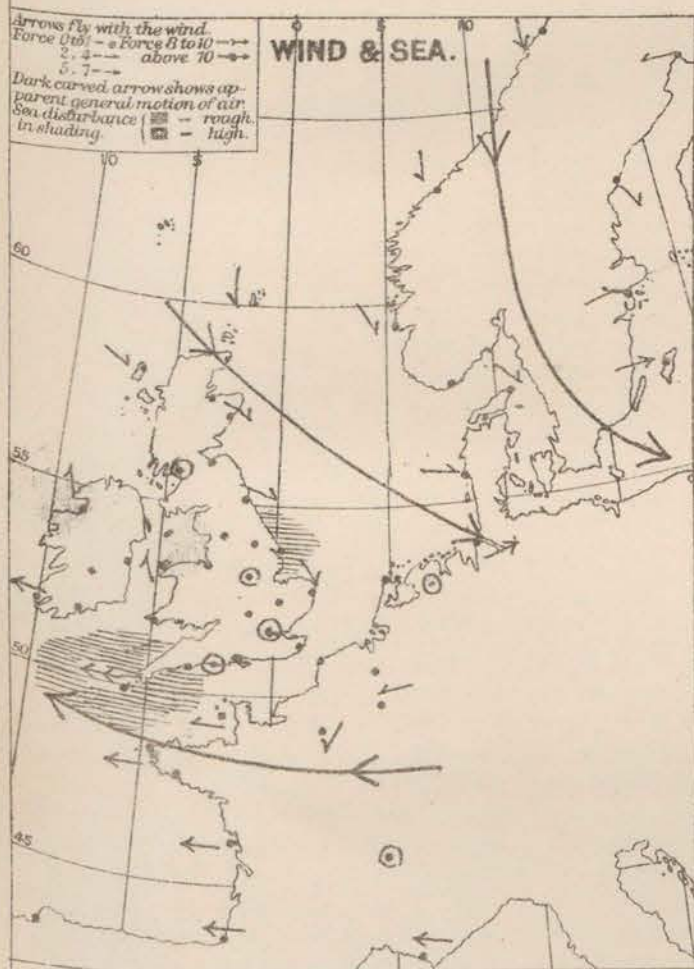


1. Isotherms shown by fine lines.  
2. Changes of temperature given in words.



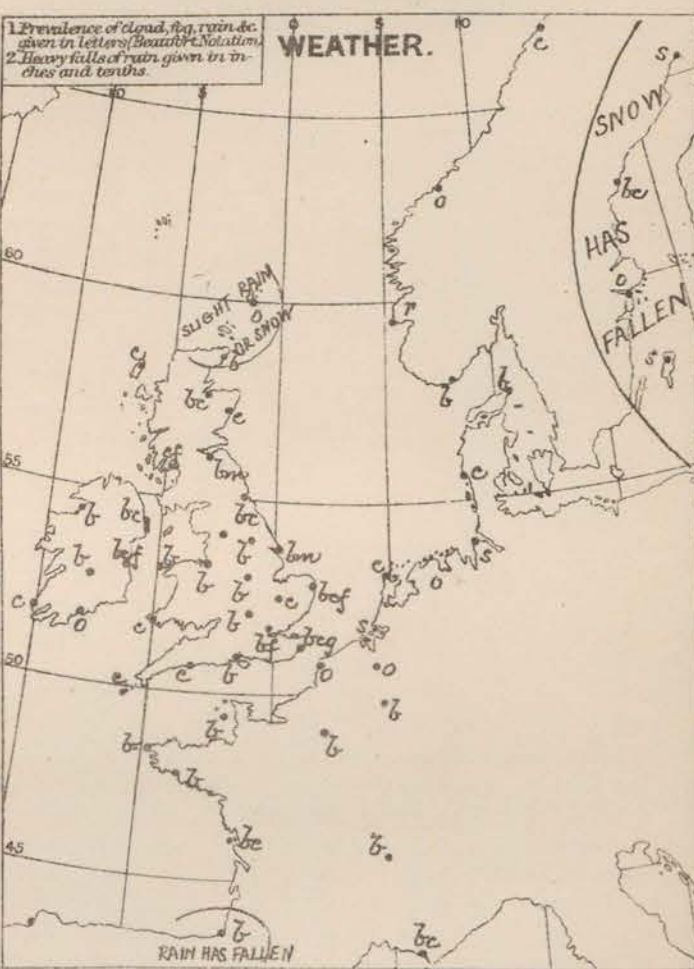
Arrows fly with the wind.  
Force 0 to 10 — Force 8 to 10 —  
2 — 4 — above 10 —  
6 — 7 —  
Dark curved arrow shows apparent general motion of air.  
Sea disturbance ( ) — rough in shading. ( ) — high.

## WIND & SEA.



1. Prevalence of cloud, fog, rain &c. given in letters (B, c, f, r, s, etc.)  
2. Heavy falls of rain given in inches and tenths.

## WEATHER.



**REMARKS.** A large depression has passed across Scandinavia during the past 24 hours, and the barometer has fallen over the whole of the countries to the E. of the North Sea, but at Rode a slight recovery is reported this morning. The wind in N. to N.W. over Norway, Sweden, and Denmark is now the sky is cloudy or dull except over the Skager Rack, and temperature has risen fast, readings ranging from 10° at Haparanda to 36° in S. Norway. In all other parts of N. Europe pressure has increased briskly and the barometer is high and uniform over these islands and France. The readings over E. Ireland, England and N. France exceeding 30.6 ins. Within this region light variable air prevails, but over France and the Channel the wind is fresh or strong from E, over Ireland light or moderate generally from the S. and in Scotland light from NW. Temperature has risen over N. Britain but fallen in all other places rapidly over S. and central England, and central and W. France. Very sharp frosts readings ranging over these islands from 39° at Valentia and 40° in the Netherlands to 14° at Nottingham and over France from 38° at London to 3° at Charleville. The minimum last night was 13° at Nottingham and 17° at Leambridge, Oxford and in London. The sea is rough in the N.W.

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Meteorological Office,  
116, Victoria Street, Westminster, S.W.

R. H. SCOTT.  
Secretary.



# DAILY WEATHER REPORT JAN<sup>y</sup> 21<sup>st</sup> 1880.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	Reading at 32° F. and Sea Level.	BAROMETER.		SHADE TEMP.		WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Dirac.	Force. (0 to 12).			Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dirac.	Force. (0 to 12).			Max.	Min.			
Haparanda ...	30.18	-2	N	2	b	30.24	+ .59	-5	-5	-15	Z	0	0	*	10	-15	-		
Hernösand ...	30.16	24	NNW	8	b	30.35	+ .61	9	9	-24	N	2	0	*	37	?	-		
Stockholm ...	29.95	26	N	6	c	30.25	+ .44	21	19	-3	N	6	0	*	32	?	?		
Wisby ...	29.86	31	NE	8	0	30.02	+ .14	25	24	-3	NE	8	8	*	34	19	0.08		
Bodö ...	30.21	21	N	2	c	? 30.35	+ .45	34	31	+ 4	SW	4	0	4	37	28	-		
Christiansund ...	30.37	32	Z	0	b	? 30.27	+ .44	34	32	-2	E	6	0	4	36	25	-		
Skudesnaes ...	30.34	32	NNW	2	b	30.40	+ .30	30	28	-6	NE	2	0	3	?	?	-		
Oxö (Christiansund) ...	30.29	29	NNW	2	b	30.44	+ .43	25	24	-11	NNW	2	0	1	37	21	-		
Skagen (The Skaw) ...	30.27	24	NNE	5	b	30.41	+ .42	31	29	-4	NNE	4	0	*	37	25	-		
Fanö ...	30.32	31	NNW	4	b	30.48	+ .31	27	26	-9	NNW	2	0	*	37	25	0.04		
Cuxhaven ...	30.18	37	NNW	3	c	30.47	+ .15	30	30	+ 1	N	2	0	1	36	26	-		
Sumburgh Head ...	30.42	27	NNE	2	c	30.41	+ .08	41	39	+ 1	NNW	3	0	2	42	33	0.03		
Stornoway ...	30.50	38	NNW	1	b	30.34	+ .07	38	38	+ 1	NNW	4	0	3	42	34	-		
Wick ...	30.46	36	NNW	2	b	30.37	+ .09	36	35	0	N	2	0	0	39	33	0.03		
Nairn ...	30.52	35	SW	2	c	30.57	+ .09	35	34	+ 2	SW	2	0	1	37	32	-		
Aberdeen ...	30.48	36	NNW	2	b	30.57	+ .10	32	31	-3	WSW	1	0	1	41	32	-		
Leith ...	30.58	33	N	4	b	30.63	+ .09	30	29	0	WSW	1	0	*	36	29	-		
Shields ...	30.55	32	NNW	3	0	30.64	+ .08	33	33	+ 7	NNW	3	0	2	33	26	0.01		
Spurn Head ...	30.52	32	NNW	4	c	30.57	+ .31	35	34	+ 6	NNW	4	0	4	35	28	-		
York ...	30.57	28	N	1	b	30.63	+ .02	33	33	+ 11	N	1	0	*	34	22	-		
Nottingham ...	30.61	25	Z	0	b	30.66	+ .01	28	27	+ 14	Z	0	0	*	32	14	-		
Ardrossan ...	30.61	27	NNW	2	c	30.64	+ .05	30	29	+ 2	ENE	1	0	1	37	26	-		
Mullaghmore ...	30.58	24	ESE	1	b	30.63	+ .06	30	30	0	SE	1	0	1	35	27	-		
Donaghadee ...																			
Parsonstown ...	30.60	29	E	1	b	? 30.64	+ .02	26	26	+ 3	ESE	1	0	2	36	21	-		
Holyhead ...	30.62	31	SSE	1	b	30.63	+ .02	29	28	+ 1	SSW	2	0	1	34	27	-		
Liverpool (Bidston) ...	30.62	33	W	2	b	30.65	+ .02	29	28	+ 6	N	1	0	1	34	23	-		
Valentia ...	30.48	38	ESE	4	b	30.52	+ .03	39	36	0	E	4	0	2	43	36	-		
Roche's Point ...	30.55	38	ESE	5	c	30.59	+ .08	40	39	+ 2	ESE	5	0	4	41	37	-		
Pembroke ...	30.60	34	E	2	c	30.63	+ .05	28	27	-2	ENE	1	0	2	36	27	-		
Scilly ...	30.50	39	ESE	8	c	30.53	+ .04	40	39	+ 3	ESE	8	0	6	40	36	-		
Prawle Point ...	30.58	34	ESE	4	c	30.60	+ .04	36	34	+ 3	ESE	3	0	3	37	32	-		
Hurst Castle ...	30.60	32	NE	3	0	30.64	+ .01	24	24	+ 1	E	1	0	2	35	23	-		
Dover ...	30.61	30	NNW	3	b	30.58	+ .02	32	31	+ 5	N	4	0	2	32	27	-		
London ...	30.62	24	NNW	1	b	30.63	- .01	23	22	+ 5	SW	1	0	*	32	17	-		
Oxford ...	30.64	23	Z	0	b	30.65	+ .01	19	19	+ 2	N	1	0	*	34	16	-		
Cambridge ...	30.59	24	NNW	1	b	30.62	- .01	30	29	+ 7	N	1	0	*	37	21	-		
Yarmouth ...	30.53	31	NNW	3	b	30.57	00	33	32	+ 5	NNW	2	0	3	34	26	-		
The Helder ...	*	*	*	*	*	30.51	+ .06	34	33	-1	NNW	1	0	*	*	*	*		
Cape Gris Nez ...	30.60	31	N	2	b	30.59	- .01	33	33	+ 5	NNW	1	0	1	34	28	-		
Jersey ...	30.60	29	E	4	b	30.64	+ .03	31	29	+ 6	ESE	3	0	3	33	25	-		
Brest ...																			
Lorient ...	30.46	30	E	7	b	30.49	+ .03	26	25	+ 5	E	2	0	6	32	?	-		
Rocheport ...	30.41	28	E	7	b	30.42	00	25	23	+ 6	E	8	0	2	40	?	-		
Biarritz ...	?	37	E	7	b	30.30	+ .04	31	28	+ 4	E	5	0	3	43	25	-		
Corunna ...	*	*	*	*	*				*						*	*	*		
Brussels ...	*	*	*	*	*	30.54	- .04	33		+ 12	SW	1	0	*	34	?	0.04		
Charleville ...	?	12	NNW	4	0	?	?	23	?	?	NNW	4	0	*	27	5	0.04		
Paris ...	30.63	28	?	1	0	30.60	- .02	24	24	+ 6	ENE	1	0	*	*	*	-		
Lyons ...	30.35	18	NNE	1	b	30.64	+ .11	4	?	-6	NNE	1	0	*	20	4	-		
Toulon ...	30.39	41	E	5	0	30.36	+ .11	36	34	-2	NE	3	0	4	45	34	-		

## YESTERDAY'S 045PM REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		
Skudesnaes ...	30.20	38	36	NN	5	c	3	Valentia ...	30.53	41	37	ESE	4	c	5
Sumburgh Head ...	30.39	40	38	N	2	b	2	Scilly ...	30.52	38	37	ESE	8	c	6
Stornoway ...	30.48	42	41	WNW	3	b	2	Dover ...	30.61	31	30	NNW	2	cm	2
Aberdeen ...	30.48	39	36	NN	3	b	2	London ...	30.65	30	26	NNE	1	bm	7
Shields ...	30.56	31	31	W	3	b	3	Yarmouth ...	30.55	33	32	NW	3	b	3
Ardrossan ...	30.59	37	34	NNE	1	cm	1	Jersey ...	30.64	31	28	ESE	4	b	4
Mullaghmore ...	30.62	35	33	S	3	bm	2	Rocheport ...	30.41	33	32	E	7	b	2
Holyhead ...	30.64	34	31	SSE	2	b	1								

Pressure is changing very little and the anticyclone is still shown over N. Ireland, the N. of England and N. of France. The winds consequently show very little change <sup>except</sup> the morning.

KINGSTOWN. 30.63 32. 5 1 b 30.66 + .04 28 27 + 2 2 0 of 1 38 25 -

### EXPLANATION OF COLUMNS.

**WEATHER.**—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

\* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 8 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

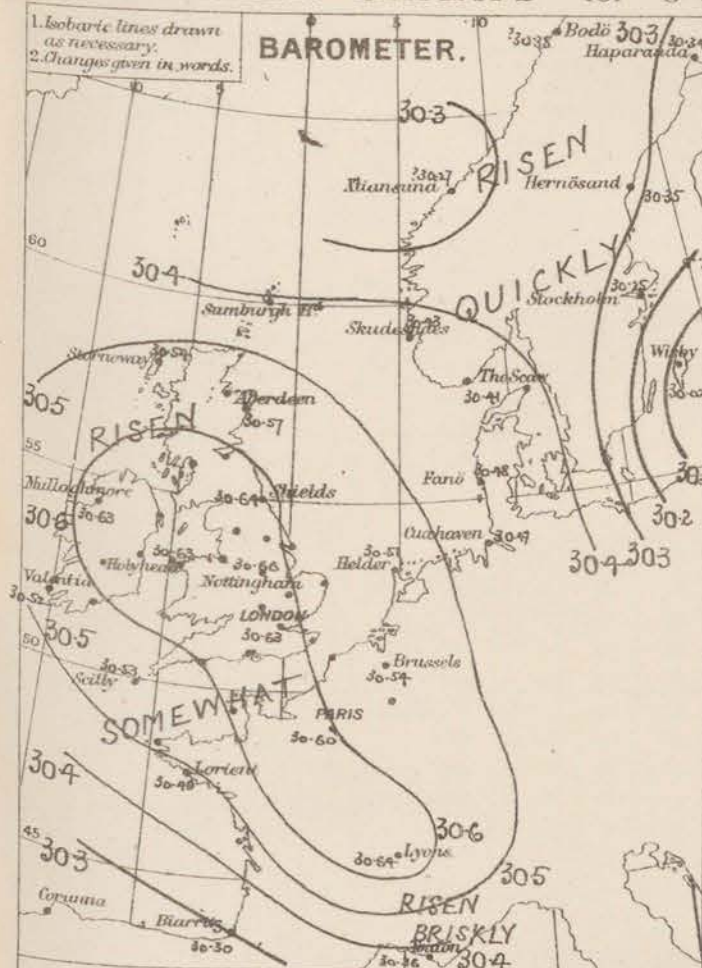
N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.



# WEATHER CHARTS for 8 a.m. on Wednesday 21<sup>st</sup> Jan<sup>y</sup> 1880.

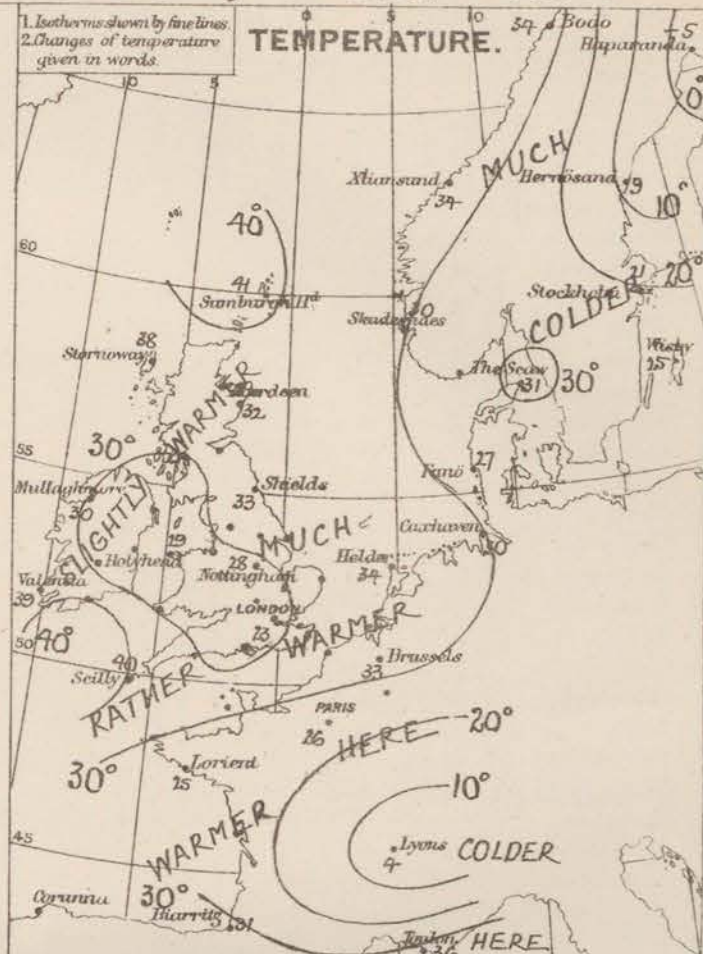
1. Isobars lines drawn as necessary.
2. Changes given in words.

## BAROMETER.



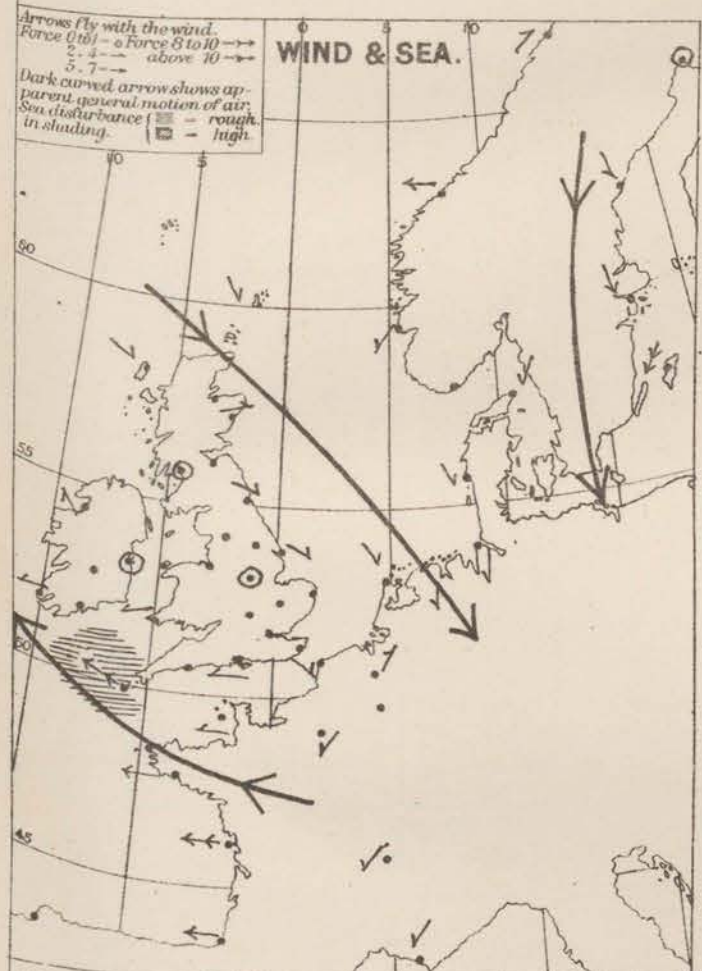
1. Isotherms shown by fine lines.
2. Changes of temperature given in words.

## TEMPERATURE.



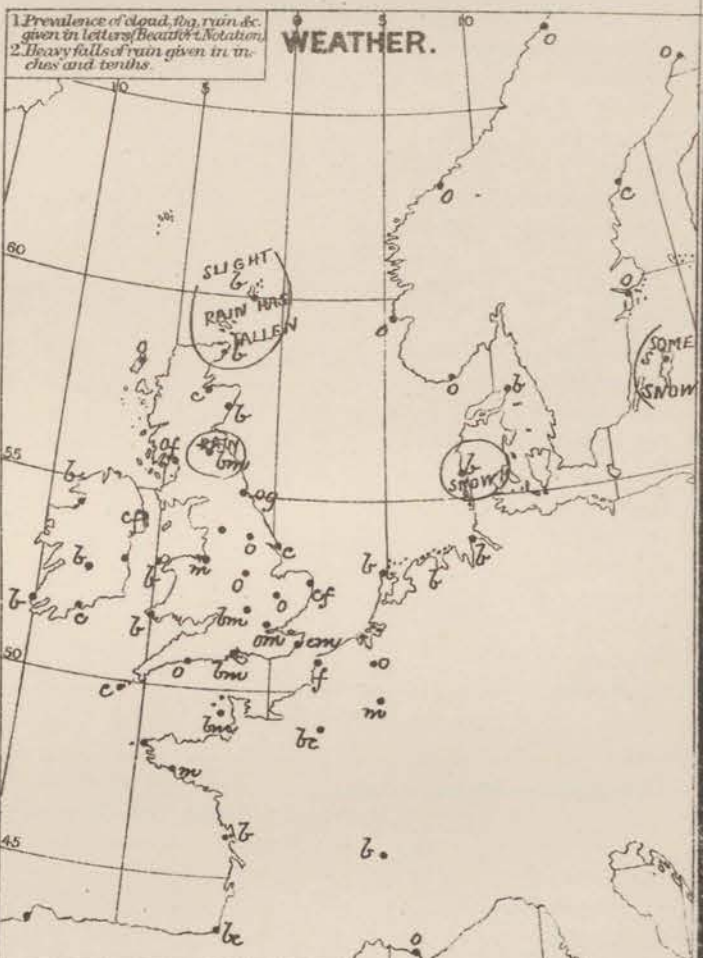
- Arrows fly with the wind.  
Force 0 to 10 — Force 8 to 10 —  
2 — 4 — 6 — 8 — 10 —  
Dark curved arrow shows apparent general motion of air.  
Sea disturbance (—) — rough in shading — high

## WIND & SEA.



1. Prevalence of cloud, fog, rain &c. given in letters of Boarder Notation.
2. Heavy falls of rain given in inches and tenths.

## WEATHER.



**REMARKS.** The barometer has risen fast over Norway and Sweden and the disturbance which caused the decrease over these countries yesterday is passing away over the Baltic. Within these islands and France the changes in pressure have been very slight, so that while the anticyclone is still shown lying over the British Isles and the greater part of France and N. Germany, readings generally have become more uniform over the whole of W. Europe than they were yesterday. Wind remains E. over France, the W. half of the Channel and Ireland, N. in Scotland and N. in the countries to the E. of the Dutch Sea. It blows a fresh gale at Roskeef, Sicily and W. Italy and is fresh air force at Biarritz and Roches Point, but elsewhere light or moderate breezes prevail. Temperature has fallen very fast in Norway, Sweden and Denmark, and elsewhere quickly over Central England and the NE. of France. Readings range over these islands from 44° in the Shetlands to 19° at Oxford, over France from 36° at Toulon to 23° at Charleville and 14° at Lyons, and over Scandinavia from 30° at Skudenes to -5° at Haparanda. The minimum readings reported this morning are 14° at Nottingham, 16° at Oxford and 17° in London. The weather though cloudy or misty in several places is generally fair and dry.

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Meteorological Office,  
116, Victoria Street, Westminster, S.W.

R. H. SCOTT.  
Secretary



# DAILY WEATHER REPORT 22<sup>ND</sup> JAN. 1880.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.			Sea. (0 to 9).	SHADE TEMP.				
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).	Weather.		Max.	Min.	Amount of Rainfall.		
Haparanda ...	29.89	14	S	2	0	30.02	-.22	12	12	+ .17	NE	2	0	*	14	-4	0.12		
Hernösand ...	29.99	19	SW	2	0	30.01	-.34	27	25	+ .18	N	4	0	*	?	3	-		
Stockholm ...	30.18	16	WSW	2	0	29.99	-.26	20	19	- .1	W	2	0	*	36	18	-		
Wisby ...	30.09	24	N	6	0	29.96	-.06	22	22	- .3	SW	2	0	*	32	?	-		
Bodö ...	29.69	28	SW	6	0	30.13	-.22	31	29	- .3	E	2	0	1	36	28	-		
Christiansund...	29.97	27	SSW	5	0	30.25	-.02	35	33	+ .1	ENE	1	0	4	37	27	0.12		
Skudesnaes ...	30.09	36	NNW	3	0	30.10	-.33	33	31	+ .3	NNW	6	0	4	36	30	-		
Oxö (Xiansund) ...	30.17	31	WSW	2	0	30.04	-.40	29	28	+ .4	NNE	2	0	1	?	?	-		
Skagen (The Skaw)	30.17	30	WSW	3	0	30.01	-.40	33	32	+ .2	ENE	3	0	2	24	28	-		
Fanö ...														*					
Cuxhaven ...	30.48	32	W	1	0	30.07	-.40	37	37	+ .7	W	1	0	1	?	28	0.04		
Sumburgh Head ...	30.26	43	NN	5	0	30.35	-.06	38	36	- .3	NNE	2	0	3	45	35	0.03		
Stornoway ...	30.50	39	NNW	4	0	30.44	-.10	39	39	+ .1	Z	0	0	0	40	38	0.20		
Wick ...	30.40	39	NN	4	0	30.42	-.09	33	32	- .3	NN	1	0	0	41	31	0.14		
Nairn ...	30.49	37	NNW	3	0	30.44	-.13	37	36	+ .2	NNW	1	0	2	39	35	0.02		
Aberdeen ...	30.46	38	W	3	0	30.40	-.17	37	36	+ .5	NNW	2	0	1	40	31	0.01		
Leith ...	30.50	33	NNW	4	0	30.44	-.19	35	33	+ .5	WSW	4	0	*	38	30	-		
Shields ...	30.56	35	W	2	0	30.40	-.24	32	32	- .1	NN	2	0	2	39	28	-		
Spurn Head ...	30.53	37	NNW	3	0	30.32	-.25	34	33	- .1	NNW	5	0	5	37	29	-		
York ...	30.58	35	NNW	1	0	30.39	-.24	31	31	- .2	N	1	0	*	38	25	-		
Nottingham ...	30.57	33	Z	0	0	30.43	-.23	26	25	- .2	Z	0	0	*	35	23	-		
Ardrossan ...	30.58	26	N	2	0	30.46	-.18	36	34	+ .6	NNW	3	0	2	37	30	-		
Mullaghmore ...	30.59	33	ESE	2	0	30.52	-.11	26	26	- .4	NE	1	0	1	39	23	-		
Donaghadee ...	30.63	29	W	1	0	30.52	-.15	29	28	+ .5	W	2	0	1	35	22	-		
Parsonstown ...	30.60	29	Z	0	0	30.53	-.11	24	23	- .2	E	1	0	*	36	19	-		
Holyhead ...	30.61	33	SW	1	0	30.49	-.14	36	34	+ .7	NNE	2	0	1	38	32	-		
Liverpool (Bidston)	30.61	32	NNE	1	0	30.46	-.19	36	34	+ .7	NNW	3	0	0	36	29	-		
Valentia ...	30.51	38	ESE	4	0	30.42	-.10	31	30	- .8	Z	0	0	1	45	29	-		
Roche's Point...	30.58	40	SE	5	0	30.49	-.10	39	37	- .1	ESE	4	0	4	43	36	-		
Pembroke ...	30.58	38	ENE	1	0	30.48	-.15	29	28	+ .1	ENE	1	0	1	36	27	-		
Scilly ...	30.53	41	ESE	6	0	30.45	-.08	41	40	+ .1	ESE	2	0	4	42	39	-		
Prawle Point ...	30.58	37	E	2	0	30.46	-.14	32	30	- .4	NNW	2	0	2	38	30	-		
Hurst Castle ...	30.60	31	Z	0	0	30.47	-.17	24	24	0	N	2	0	0	38	22	-		
Dover ...	30.57	36	N	3	0	30.46	-.22	35	32	+ .3	NN	3	0	2	38	31	-		
London ...	30.59	31	NN	1	0	30.40	-.23	26	25	+ .3	NN	1	0	*	32	22	-		
Oxford ...	30.61	28	Z	0	0	30.42	-.23	23	23	+ .4	Z	0	0	*	33	18	-		
Cambridge ...	30.58	34	NN	1	0	30.38	-.24	28	27	- .2	NN	1	0	*	36	26	-		
Yarmouth ...	30.54	36	NNW	1	0	30.32	-.25	31	30	- .2	NNW	3	0	3	38	27	-		
The Helder ...	*	*	*	*	*	30.19	-.32	37	37	+ .3	W	3	0	*	*	*	*		
Cape Gris Nez ...	30.58	26	N	1	0	30.38	-.21	36	35	+ .3	NNW	4	0	3	37	32	-		
Jersey ...	30.61	34	E	2	0	30.48	-.16	33	32	+ .2	NN	1	0	1	39	30	-		
Brest ...	30.53	38	SE	5	0	30.43	-.22	32	30	- .2	E	3	0	2	41	27	-		
Lorient ...	30.49	36	E	5	0	30.39	-.10	29	27	+ .3	ENE	5	0	4	39	27	-		
Rochefort ...	30.44	34	E	8	0	30.36	-.06	27	24	+ .2	E	7	0	4	46	19	-		
Biarritz ...	30.30	42	E	5	0	30.25	-.05	30	27	- .1	SSE	4	0	3	46	27	-		
Corunna ...	*	*	*	*	*									*	*	*	*		
Brussels ...	*	*	*	*	*	30.32	-.22	34	33	+ .1	W	2	0	*	37	32	0.04		
Charleville ...	?	34	NN	4	0	?	?	23	?	0	ENE	4	0	*	41	?	-		
Paris ...	30.58	34	?	3	0	30.41	-.19	33	33	+ .9	NE	1	0	*	*	*	-		
† Lyons ...	30.63	19	NE	1	0	30.50	-.14	17	17	+ .13	ENE	1	0	*	24	16	0.79		
Toulon ...	30.30	40	E	3	0	30.32	-.04	?	?	?	N	?	0	?	?	?	?		

## YESTERDAY'S 045PM REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	30.32	34	32	ESE	4	5	3	Valentia ...	30.54	44	39	ESE	6	bm	5
Sumburgh Head ...	30.35	44	42	NTN	4	0	3	Scilly ...	30.57	41	40	ESE	8	c	6
Stornoway ...	30.34	39	39	NN	1	7	1	Dover ...	30.60	36	34	N	3	cm	2
Aberdeen ...	30.04	36	34	WSW	1	0	1	London ...	30.63	32	31	Z	0	o	4
Shields ...	30.61	38	35	W	2	0	2	Yarmouth ...	30.56	38	37	Z	0	c	2
Ardrossan ...	30.63	34	32	ENE	1	0	0	Jersey ...	30.64	38	35	ESE	8	bm	3
Mullaghmore ...	30.64	38	34	ESE	2	0	2	Rochefort ...	30.45	41	34	E	9	6	7
Holyhead ...	30.65	35	34	SSW	1	0	0								

*There has been very little change since the morning, but the anticyclone shows a tendency to break up.*

*High level station Bar: not corrected for Altitude (1135 ft above M.S.L.)*

HAWES JCTN. | 29.27 | 29 | SW | 2 | 0 | 29.13 | 28 | 27 | N | 3 | 0 | 4 | 32 | 25 | -

### EXPLANATION OF COLUMNS.

**WEATHER.**—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

\* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.

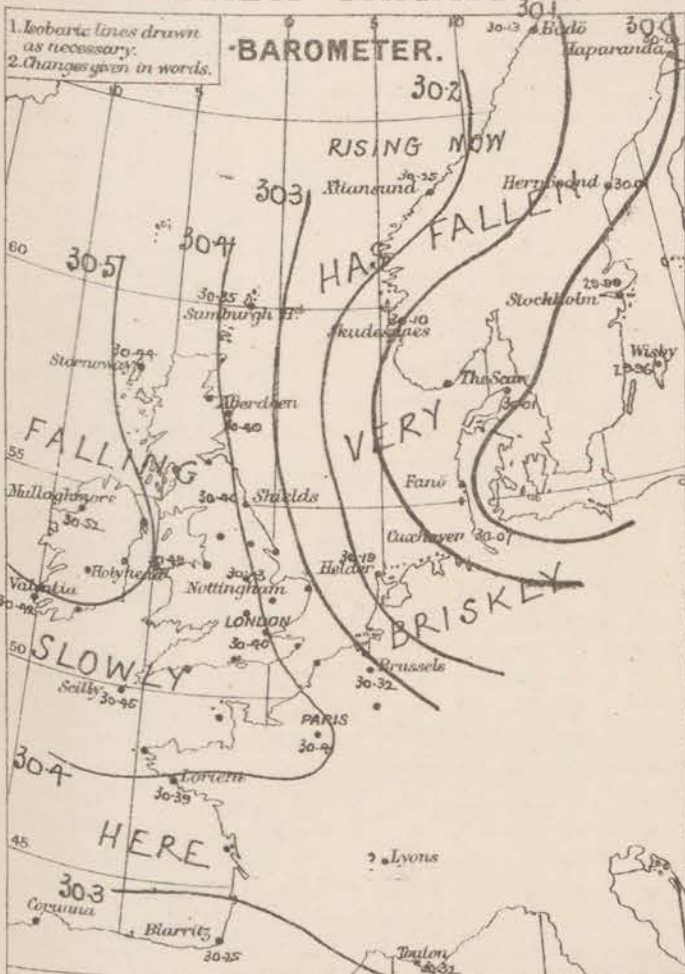
† Received too late for insertion in Charts.



# WEATHER CHARTS for 8 a.m. on Thursday 22<sup>ND</sup> JAN<sup>Y</sup> 1880.

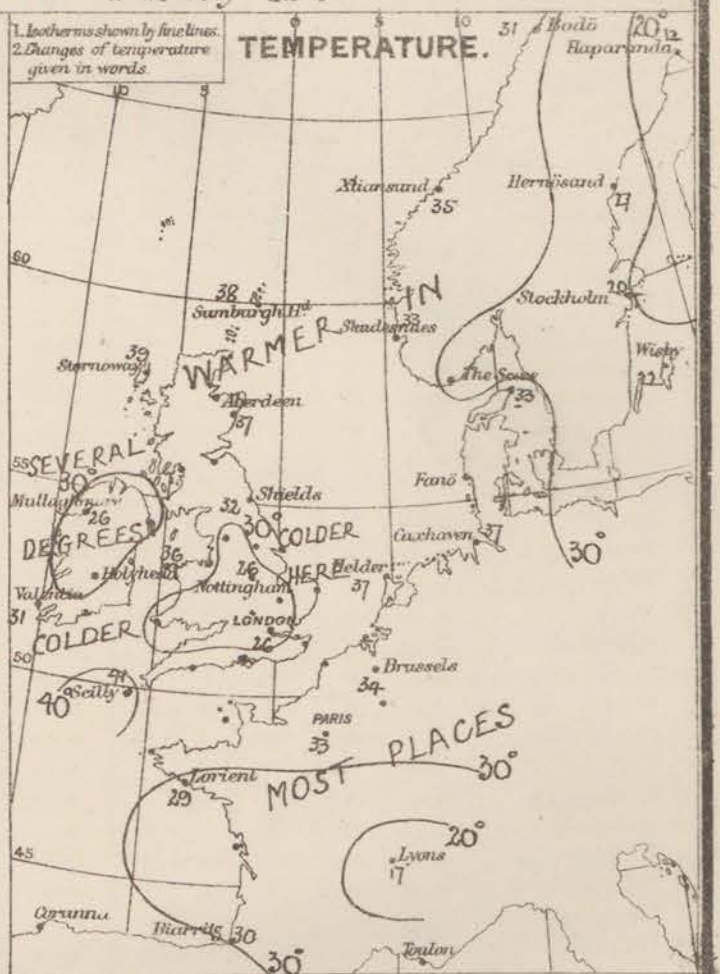
1. Isobars drawn as necessary.
2. Changes given in words.

## BAROMETER.



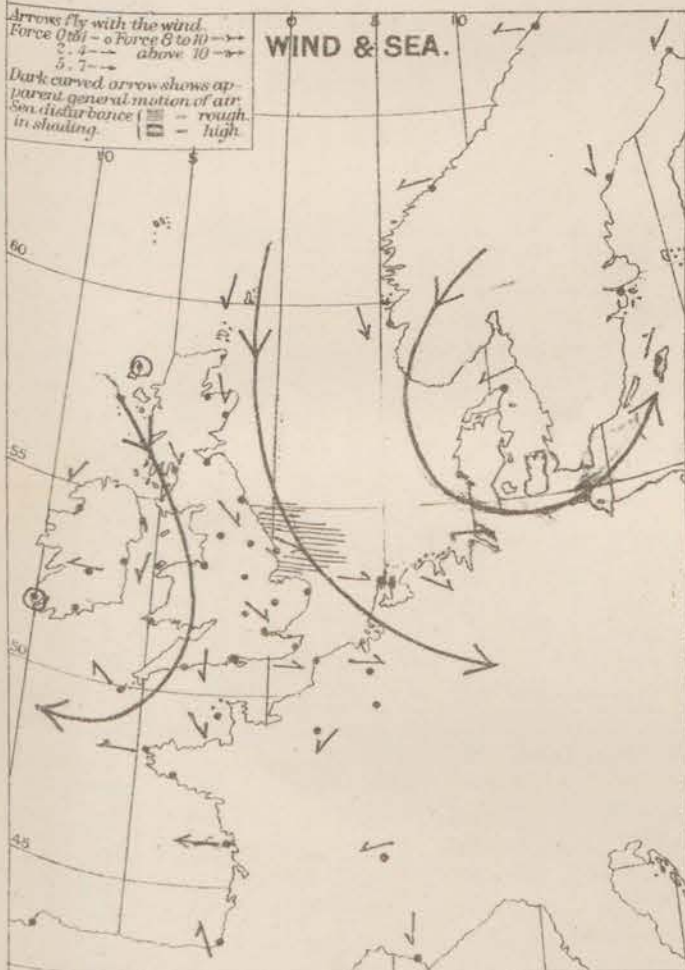
1. Isotherms shown by fine lines.
2. Changes of temperature given in words.

## TEMPERATURE.



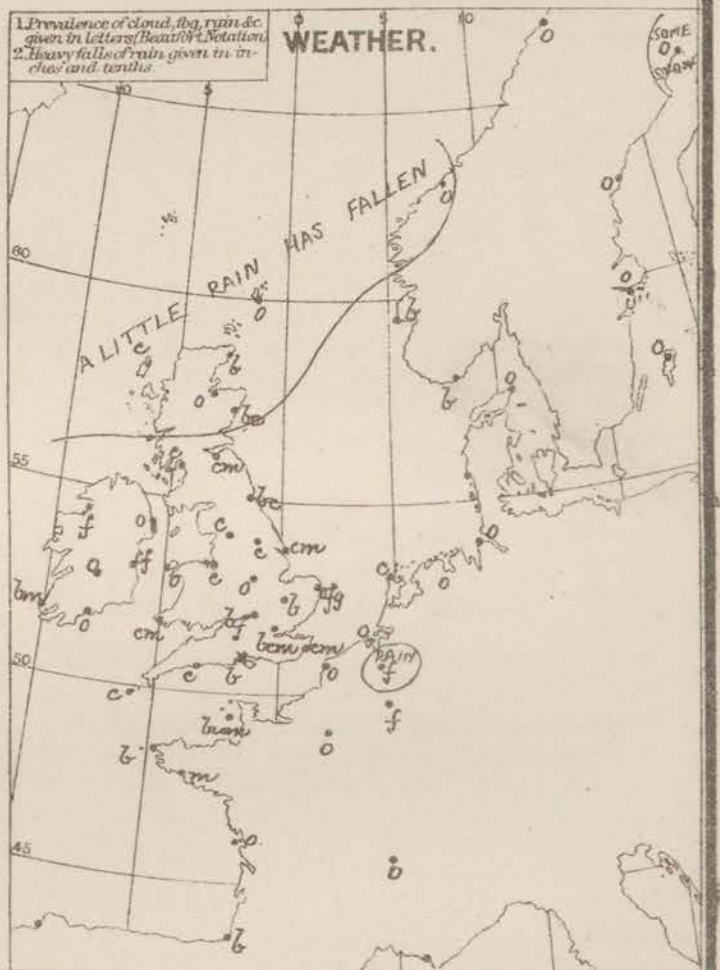
- Arrows fly with the wind.
- Force 0 to 10
- Force 11 to 20
- Force 21 to 30
- Force 31 to 40
- Force 41 to 50
- Force 51 to 60
- Force 61 to 70
- Force 71 to 80
- Force 81 to 90
- Force 91 to 100
- Force 101 to 110
- Force 111 to 120
- Force 121 to 130
- Force 131 to 140
- Force 141 to 150
- Force 151 to 160
- Force 161 to 170
- Force 171 to 180
- Force 181 to 190
- Force 191 to 200
- Force 201 to 210
- Force 211 to 220
- Force 221 to 230
- Force 231 to 240
- Force 241 to 250
- Force 251 to 260
- Force 261 to 270
- Force 271 to 280
- Force 281 to 290
- Force 291 to 300
- Force 301 to 310
- Force 311 to 320
- Force 321 to 330
- Force 331 to 340
- Force 341 to 350
- Force 351 to 360
- Force 361 to 370
- Force 371 to 380
- Force 381 to 390
- Force 391 to 400
- Force 401 to 410
- Force 411 to 420
- Force 421 to 430
- Force 431 to 440
- Force 441 to 450
- Force 451 to 460
- Force 461 to 470
- Force 471 to 480
- Force 481 to 490
- Force 491 to 500
- Force 501 to 510
- Force 511 to 520
- Force 521 to 530
- Force 531 to 540
- Force 541 to 550
- Force 551 to 560
- Force 561 to 570
- Force 571 to 580
- Force 581 to 590
- Force 591 to 600
- Force 601 to 610
- Force 611 to 620
- Force 621 to 630
- Force 631 to 640
- Force 641 to 650
- Force 651 to 660
- Force 661 to 670
- Force 671 to 680
- Force 681 to 690
- Force 691 to 700
- Force 701 to 710
- Force 711 to 720
- Force 721 to 730
- Force 731 to 740
- Force 741 to 750
- Force 751 to 760
- Force 761 to 770
- Force 771 to 780
- Force 781 to 790
- Force 791 to 800
- Force 801 to 810
- Force 811 to 820
- Force 821 to 830
- Force 831 to 840
- Force 841 to 850
- Force 851 to 860
- Force 861 to 870
- Force 871 to 880
- Force 881 to 890
- Force 891 to 900
- Force 901 to 910
- Force 911 to 920
- Force 921 to 930
- Force 931 to 940
- Force 941 to 950
- Force 951 to 960
- Force 961 to 970
- Force 971 to 980
- Force 981 to 990
- Force 991 to 1000

## WIND & SEA.



1. Prevalence of cloud, fog, rain &c. given in letters (see notation).
2. Heavy fall of rain given in inches and tenths.

## WEATHER.



**REMARKS.** A large depression which had appeared on the NW coast of Norway yesterday morning has since travelled slowly in a S or SE direction, and is now shown over Denmark and the Sound. The barometer has consequently fallen in nearly all places - quickly in N. Germany and at the Danish stations - but in the W. of Norway and N. of Scotland a recovery has commenced. The highest pressures are shown off our NW coasts. The weather varies a good deal in different localities, but in the S. of Norway, and at very many of our E and SE stations, where the wind is N or NW, the sky is moderately clear, while in the W. and SW where the wind blows from N to E round the area of high pressure the sky is generally cloudy or dull. A good deal of mist and fog prevails. Temperature has fallen in S and W. Ireland, and the NE and E. of England, risen elsewhere - Reading range over these islands from 41° at Bally to 23° at Oxford and 24° at Portsmouth. During last night the thermometer fell to 18° at Oxford, 19° at Portsmouth and 22° in London and Hurst Castle. Ice is moderate to smooth.

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Delivery by hand 10/- per quarter book post 5/-

Meteorological Office.  
116, Victoria Street, Westminster. S.W.

R. H. SCOTT.  
Secretary.



# DAILY WEATHER REPORT JAN<sup>y</sup> 23<sup>rd</sup> 1830.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.	
			Dirac.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dirac.	Force. (0 to 12).			Max.	Min.		
Haparanda ...	30.09	3	X	0	b	29.50	-32	-6	-6	-18	S	2	b	*	12	-6	-	
Herrösand ...	30.26	12	X	0	b	30.08	+07	9	9	-18	X	0	c	*	30	-9	-	
Stockholm ...	30.10	25	N	8	o	30.22	+23	12	11	-8	N	2	b	*	34	?	-	
Wisby ...	29.97	30	NE	8	s	30.08	+12	27	26	+5	NE	6	o	*	32	19	0.04	
Bodö ...	30.05	32	SW	4	o	29.53	+60	39	36	+8	SW	6	c	4	?	27	-	
Christiansund...	30.21	31	SSW	2	bc	29.93	-32	39	36	+4	SW	6	o	4	39	23	-	
Skudesnaes ...	30.28	29	L	0	b	30.28	+18	36	33	+3	SSW	2	o	3	39	30	-	
Oxö (Klansund) ...	30.30	30	NNW	2	b	30.28	+24	27	24	-2	WSW	4	c	2	34	23	-	
Skagen (The Skaw)	30.26	33	NNE	5	o	30.30	+29	25	23	-8	X	0	m	*	34	16	-	
Fanö ...	30.24	29	N	4	b	30.36		24	24		NNW	1	b	*	37	23	-	
Cuxhaven ...	30.11	36	NN	1	b	30.34	+27	33	33	-4	NE	6	c	6	2	30	0.04	
Sumburgh Head ...	30.23	36	NN	1	b	30.16	-19	45	44	+8	N	6	o	6	45	34	0.04	
Stornoway ...	30.29	36	NN	1	b	30.36	-08	40	40	+1	WSW	3	o	2	42	32	0.02	
Wick ...	30.49	33	NN	2	bc	30.33	-09	37	36	+4	NN	1	b	0	41	31	0.02	
Nairn ...	30.42	27	NNN	1	c	30.40	-04	38	36	+1	SW	2	b	1	40	35	0.02	
Aberdeen ...	30.40	36	NNN	2	cm	30.42	+02	33	32	-4	WSW	1	b	2	40	32	-	
Leith ...	30.44	36	NNN	1	c	30.46	+02	32	32	-3	NNN	2	cm	*	41	27	-	
Shields ...	30.42	39	NNN	3	o	30.48	+08	36	36	+4	NN	2	cm	3	42	32	-	
Spurn Head ...	30.32	38	NNN	5	bc	30.44	+12	35	34	+1	NNN	2	opht	4	40	34	0.05	
York ...	30.29	37	N	2	b	30.50	+11	33	33	+2	N	1	c	*	40	30	-	
Nottingham ...	30.40	38	N	3	o	30.49	+06	34	33	+8	N	2	c	*	41	26	-	
Ardrossan ...	30.45	38	E	1	b	30.49	+03	33	32	-3	E	1	f	0	41	26	-	
Mullaghmore ...	30.50	25	ESE	2	f	30.53	+01	25	25	-1	ESE	1	f	1	26	23	-	
Donaghadee ...	30.48	30	NN	2	b	30.52	00	32	32	+3	NNN	2	bc	1	37	26	-	
Parsonstown ...	30.51	29	X	0	o	30.56	+03	24	24	0	X	0	of	*	32	21	-	
Holyhead ...	30.45	40	NNN	3	a	30.50	+01	39	38	+3	NNN	3	m	2	42	35	-	
Liverpool (Bidston)	30.45	36	NN	1	b	30.52	+06	32	31	-4	NN	1	o	1	39	31	-	
Valentia ...	30.45	35	NE	1	bm	30.51	+09	32	31	+1	NE	2	bm	1	44	30	0.06	
Rae's Point ...	30.49	37	ENE	3	c	30.50	+01	25	33	-4	NE	2	bc	4	42	31	-	
Pembroke ...	30.44	35	NNE	1	b	30.50	+02	31	29	+2	NE	1	b	1	38	29	-	
Scilly ...	30.41	40	NE	4	c	30.47	+02	39	38	-2	ENE	4	c	2	44	37	-	
Prawle Point ...	30.41	32	N	4	b	30.46	00	32	30	0	N	3	c	2	43	30	-	
Hurst Castle ...	30.38	32	NNE	2	bm	30.46	-01	34	34	+10	N	3	cm	3	39	22	-	
Dover ...	30.27	37	NN	4	b	30.40	+04	37	36	+2	ENE	3	bc	2	38	32	0.08	
London ...	30.34	37	NNN	1	o	30.43	+03	35	34	+9	NNE	2	opht	*	38	26	-	
Oxford ...	30.40	33	SE	1	b	30.48	+06	32	32	+9	X	0	os	*	38	22	-	
Cambridge ...	30.34	36	N	1	o	30.47	+09	33	32	+5	N	1	o	*	40	26	0.02	
Yarmouth ...	30.24	39	NNN	4	cg	30.42	+10	36	35	+5	NNE	3	og	3	40	30	0.05	
The Helder ...	*	*	*	*	*	30.38	+19	33	32	-4	NNE	1	c	*	*	*	*	
Cape Gris Nez ...	30.28	38	NNW	5	o	30.38	00	35	35	-1	NE	4	o	3.5	?	28	0.04	
Jersey ...	30.29	36	N	1	bm	30.44	-04	38	36	+5	NE	1	cm	2	39	32	-	
Brest ...	30.29	35	ENE	3	o	30.45	+02	35	33	+3	E	1	o	2	43	?	-	
Lorient ...	30.34	36	ENE	5	m	30.37	-02	35	32	+6	ENE	4	m	3	39	?	-	
Rochefort ...	30.31	33	E	7	o	30.35	-01	31	30	+4	N	5	m	2	45	27	-	
Biarritz ...	30.19	42	E	3	b	30.26	+01	26	24	-4	E	4	b	3	50	23	-	
Corunna ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Brussels ...	*	*	*	*	*	30.36	+04	33	33	-1	NNE	1	o	*	36	32	0.08	
Charleville ...	?	30	SSE	1	o	?	?	26	?	+3	SE	4	o	*	?	?	0.08	
Paris ...	30.27	36	?	3	o	30.34	-07	35	35	+2	NN	3	o	*	*	*	-	
Lyons ...	30.17	40	SW	1	bc	30.02	-48	33	32	+16	?	1	c	*	43	?	-	
Toulon ...	30.23	22	ENE	1	o	30.28	-04	22	22	?	N	1	c	?	27	18	-	

## YESTERDAY'S 045PM REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		
Skudesnaes ...	30.20	40	34	N	3	b	3	Valentia ...	30.47	42	39	E	1	bm	2
Sumburgh Head ...	30.36	39	37	NNW	2	c	2	Scilly ...	30.45	42	41	ENE	3	o	3
Stornoway ...	30.43	41	40	W	0	b	4	Dover ...	30.30	35	32	N	5	cmgs	3
Aberdeen ...	30.40	39	38	NNW	2	bc	2	London ...	30.34	36	34	ENE	3	bc	2
Shields ...	30.40	41	41	N	2	bc	4	Yarmouth ...	30.25	40	38	NW	3	bc	2
Ardrossan ...	30.47	39	37	NW	2	c	1	Jersey ...	30.44	38	35	NNW	1	cm	1
Mullaghmore ...	30.54	26	26	ESE	1	f	1	Rochefort ...	30.31	38	37	E	7	b	2
Holyhead ...	30.48	38	36	NNE	1	c	0								

Weather is moderately fair in most parts of the country this afternoon, but snow is reported from Dover and a sharp snow shower passed over London at about noon. Temperature is higher than it was at the same hour yesterday.

High level station. Bar: not corrected for altitude (1135 ft above MSL)

HAWES JUNCTN | 29.14 | 30 | 2 | 0 | b | 29.18 | +05 | 29 | 29 | +1 | NE | 1 | 0 | 1 | 34 | 24 | -

## EXPLANATION OF COLUMNS.

**WEATHER.**—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

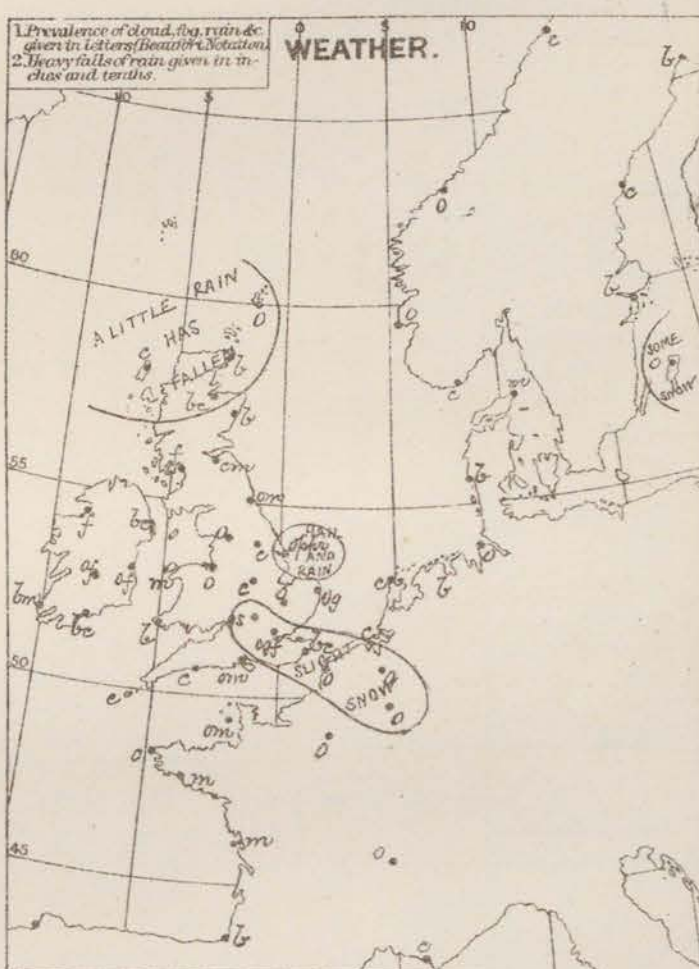
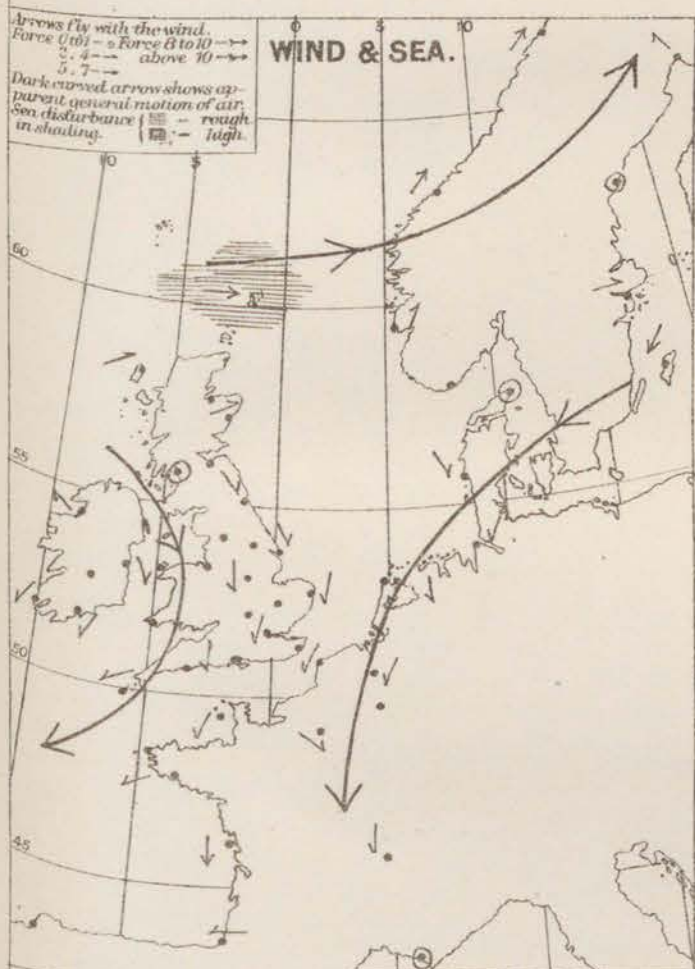
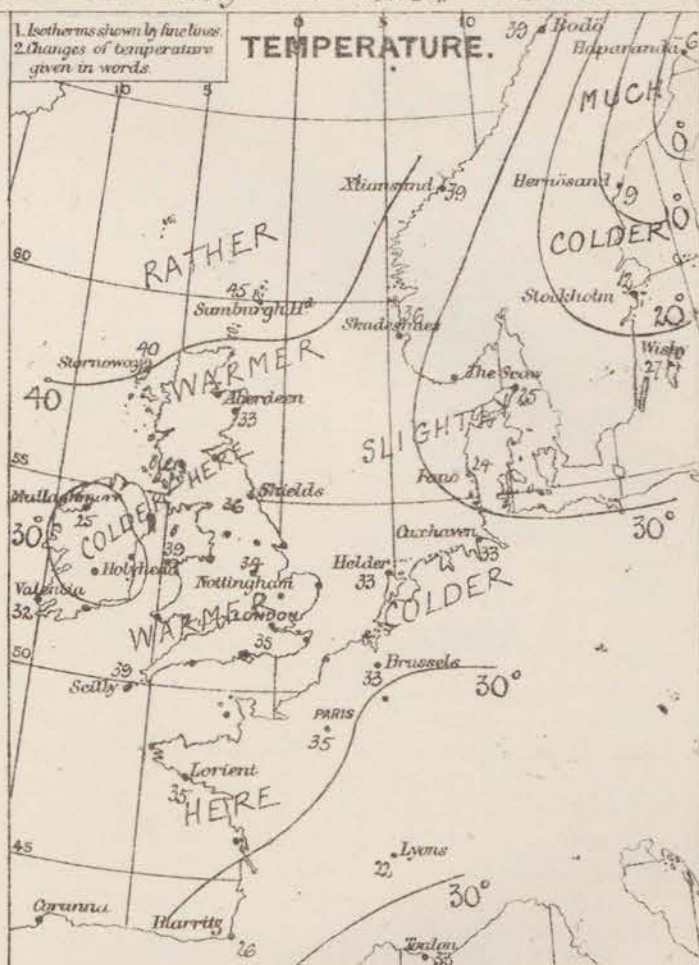
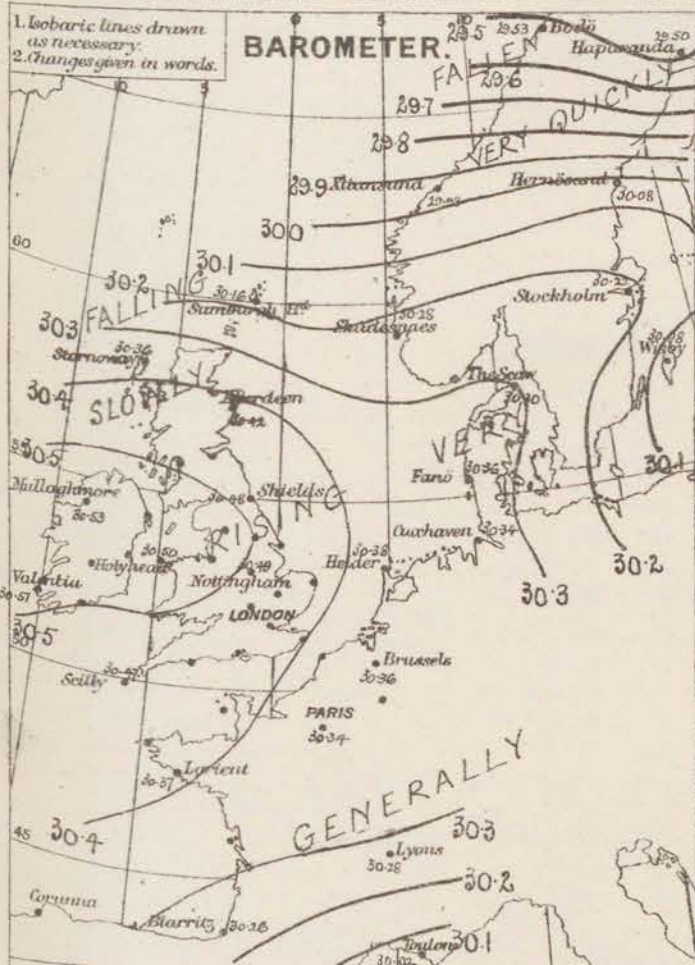
\* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.



WEATHER CHARTS for 8 a.m. on Fri-day 23<sup>rd</sup> Jan<sup>y</sup> 1880.



REMARKS. The barometer is falling fast in the N. of Norway and Sweden and a large depression is advancing towards that region, at the same time smaller disturbances are passing from W to E over or a little to the N<sup>W</sup> of our N<sup>W</sup> coasts, and the barometer is falling over the whole of the N. of Scotland. In all other districts the mercury is rising and readings ascending 30.5 in: and shown over our W<sup>W</sup> stations. The wind is consequently W in Scotland and SW in Norway, where it draws into N over England and into NE. over the Channel and France. It is light or moderate in force except in the Shetlands and off the N. of Norway where it blows strongly. The weather is fine at some SW stations and in the NE. of Scotland, but is cloudy or dull generally with hail showers at Spurn Head and Suez at Oxford. Some fog or mist still prevails, more particularly over Ireland. Temperature has fallen fast over the Baltic, and slightly over the Netherlands, but has risen in most other places; sharp frost is still reported from Central Ireland, and readings range over those islands from 45° in the Shetlands to 24° at Parnassus and 32° at Oxford, over France from 35° at Paris to 26° at Biarritz and 22° at Lyons, and over Scandinavia from 39° at Förlé to -6° at Haparanda. Sea is moderate to smooth except at Lamlough Head.

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Meteorological Office,  
116, Victoria Street, Westminster, S. W.

R. H. SCOTT.  
Secretary



# DAILY WEATHER REPORT JAN<sup>y</sup> 24<sup>th</sup> 1880.

STATIONS	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Direc.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 12).			Max.	Min.			
Haparanda ...	29.33	22	S	4	o	29.24	-.26	15	15	+ 21	W	4	6	*	23	- 6	-		
Hernösand ...	29.65	29	SSW	2	o	29.71	-.37	24	22	+ 15	SW	2	6	*	30	1	-		
Stockholm ...	29.95	20	SW	4	o	29.82	-.40	21	20	+ 9	NNW	4	6	*	34	10	-		
Wisby ...	30.06	25	NNW	4	6	29.82	-.26	32	32	+ 5	NNE	2	6	*	?	21	-		
Bodö ...																			
Christiansund...	29.91	36	W	9	8	29.80	-.13	38	32	- 6	WNW	9	6	6	41	23	-		
Skudesnaes ...	30.11	39	NNW	4	6	30.17	-.11	34	32	- 2	NW	2	6	3	39	?	-		
Oxö (Ölandsund)...	30.09	36	WSW	6	o	30.06	-.22	39	35	+ 12	WSW	4	6	2	?	?	-		
Skagen (The Skaw)	30.04	38	NNW	5	o	29.95	-.35	40	37	+ 15	NW	5	6	3	?	21	-		
Fanö ...	30.26	37	W	4	o	30.18	-.18	27	27	+ 13	WNW	3	6	*	37	23	-		
Cuxhaven ...	30.43	32	N	1	6	30.32	-.12	35	35	+ 2	W	5	6	2	?	27	-		
Sumburgh Head	30.20	43	NW	4	6	30.21	+ .05	38	36	- 7	W	0	6	2	47	37	0.03		
Stornoway ...	30.36	44	WSW	3	o	30.24	-.12	40	40	o	WSW	2	6	1	45	38	-		
Wick ...	30.33	43	NW	2	o	30.26	-.07	39	38	+ 2	W	0	6	0	43	32	-		
Nairn ...	30.40	39	NE	1	6	30.30	-.10	37	35	- 1	Z	0	6	0	42	37	-		
Aberdeen ...	30.37	39	WSW	1	6	30.32	-.10	32	31	- 1	WSW	1	6	1	41	31	-		
Leith ...	30.44	36	NNW	4	6	30.36	-.10	34	33	+ 2	W	2	6	*	39	32	-		
Shields ...	30.47	36	W	2	6	30.42	-.06	32	32	- 4	NW	3	6	2	38	31	-		
Spurn Head ...	30.47	36	NNW	3	6	30.42	-.02	34	32	- 1	SSW	4	6	4	38	32	-		
York ...	30.50	35	W	1	o	30.43	-.07	34	32	+ 1	SW	1	6	*	39	32	-		
Nottingham ...	30.53	34	N	1	o	30.47	-.02	31	30	- 3	SSW	1	6	*	39	31	-		
Ardrossan ...	30.46	40	NNW	3	o	30.37	-.12	38	35	+ 5	E	4	6	3	41	33	-		
Mullaghmore ...	30.50	29	SW	1	mg	30.30	-.23	37	32	+ 12	S	3	6	2	37	23	-		
Donaghadee ...	30.52	27	WSW	2	f	30.41	-.11	28	28	- 4	W	1	6	0	35	23	-		
Parsonstown ...	30.53	28	Z	0	o	30.36	-.20	34	32	+ 10	SSE	3	6	2	35	23	-		
Holyhead ...	30.51	39	NW	2	m	30.41	-.09	37	35	- 2	SSW	2	m	1	40	36	-		
Liverpool (Bidston)	30.52	34	SSE	2	o	30.43	-.09	34	32	+ 2	SSE	1	6	1	37	32	-		
Valentia ...	30.45	41	SE	2	om	30.12	-.39	43	40	+ 11	SE	6	om	5	47	31	-		
Roche's Point...	30.49	46	SE	4	6	30.33	-.17	40	38	+ 5	S	4	6	4	43	35	-		
Pembroke ...	30.32	35	E	1	6	30.42	-.08	35	32	+ 4	SSE	2	6	2	39	29	-		
Scilly ...	30.49	40	ENE	3	o	30.38	-.11	42	41	+ 3	SSE	4	6	2	44	38	-		
Prawle Point ...	30.49	36	NE	3	o	30.43	-.06	34	32	+ 2	N	2	m	2	40	31	-		
Hurst Castle ...	30.50	35	NE	2	o	30.48	+ .02	35	32	+ 1	NNE	2	6	2	39	34	-		
Dover ...	30.48	36	E	2	6	30.47	+ .01	34	32	- 3	S	3	6	2	39	33	0.04		
London ...	30.48	37	NE	2	o	30.47	+ .04	32	31	- 3	W	0	6	*	39	32	-		
Oxford ...	30.53	34	NE	1	o	30.48	-.06	32	31	o	Z	0	6	*	37	32	-		
Cambridge ...	30.51	34	NW	1	o	30.46	-.01	31	31	- 2	NW	1	6	*	38	30	-		
Yarmouth ...	30.47	37	Z	0	6	30.45	+ .03	34	32	- 2	NNW	1	6	2	38	32	0.01		
The Helder ...	*	*	*	*	*	30.43	+ .05	35	34	+ 2	SW	1	6	*	*	*	*		
Cape Gris Nez	30.47	33	ENE	3	o	30.48	+ .10	31	31	- 4	SE	3	6	1	37	30	-		
Jersey ...	30.49	36	ENE	2	6	30.46	+ .02	34	31	- 4	ENE	2	6	2	40	34	-		
Brest ...	30.47	29	SE	0	o	30.42	-.03	35	32	o	ESE	4	6	3	43	28	-		
Lorient ...	30.42	37	E	4	m	30.37	-.05	33	29	- 2	SE	4	6	2	39	32	-		
Rochefort ...	30.34	35	NE	7	o	30.36	+ .01	24	23	- 7	E	5	m	2	43	19	-		
Biarritz ...	30.28	37	S	3	6	30.29	+ .03	27	24	+ 1	SSE	4	6	3	43	23	-		
Corunna ...	*	*	*	*	*										*	*	*		
Brussels ...	*	*	*	*	*	30.49	+ .13	29	?	- 4	NNE	1	6	*	33	29	0.04		
Charleville ...	?	30	SE	4	o	?	?	26	?	o	NNW	4	6	*	34	?	-		
Paris ...	30.42	36	?	3	o	30.45	+ .11	33	30	- 2	NE	3	6	*	*	*	-		
Lyons ...	30.36	26	NNW	1	6	30.42	+ .14	22	22	o	SW	1	6	*	?	20	-		
Toulon ...	30.29	33	E	8	o	30.23	+ .21	38	32	+ 5	E	7	6	5	?	?	0.16		

## YESTERDAY'S 045PM REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.
Skudesnaes ...	30.19	35	35	ESE	2	ff	Valentia ...	30.50	41	38	NE	1	6
Sumburgh Head	30.17	47	46	W	5	6	Scilly ...	30.49	43	41	ENE	4	6
Stornoway ...	30.36	45	44	W	3	2	Dover ...	30.44	38	36	E	3	6
Aberdeen ...	30.40	38	36	WSW	1	6	London ...	30.48	39	36	NNE	2	om
Shields ...	30.49	37	37	W	2	3	Yarmouth ...	30.45	38	36	NNE	2	6
Ardrossan ...	30.48	40	37	WSW	2	1	Jersey ...	30.48	39	38	NE	2	6
Mullaghmore ...	30.54	27	27	ENE	2	1	Rochefort ...	30.35	36	35	NNE	5	6
Holyhead ...	30.52	39	38	NW	3	2							

The weather is cloudy or dull except in the south of Ireland. Pressure is increasing a little generally and the wind remains N<sup>W</sup> in the north, N<sup>E</sup> in the east, and E or NE<sup>E</sup> in the south.

NOTICE. NOON. A special report from Valentia shows the 8 A.M. barometer reading to be a tenth of an inch too low.

High level station. Bar. not corrected for altitude (1135 ft above MSL)

HAWES JUNCTN. 29.19 30 SW 1 0 29.11 -07 40 30 + 1 SSW 1 0 0 31 27 -

### EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. equally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

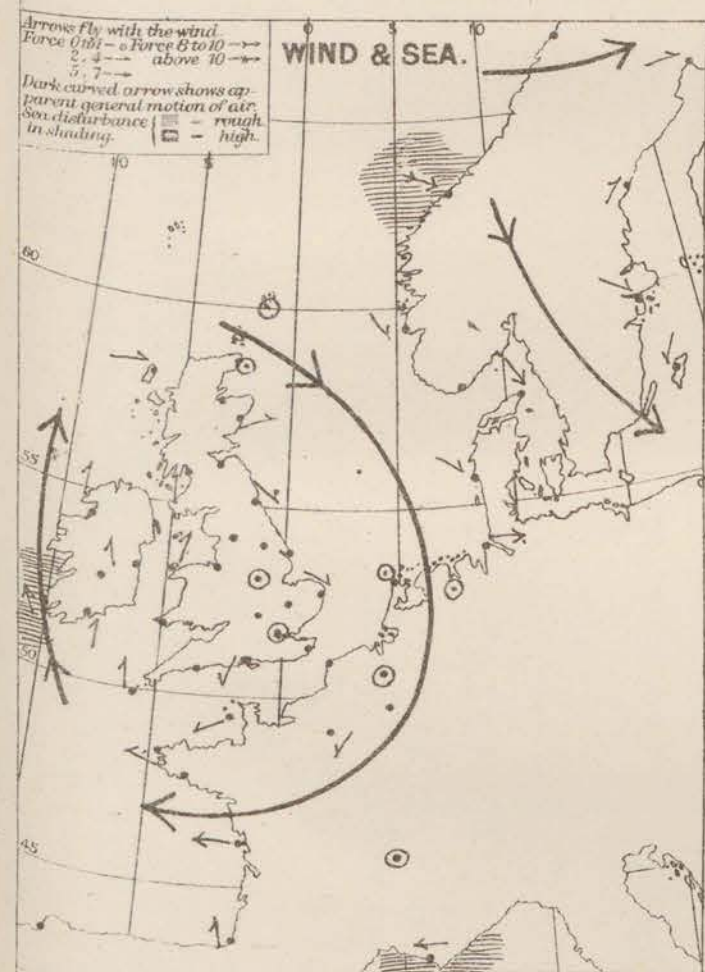
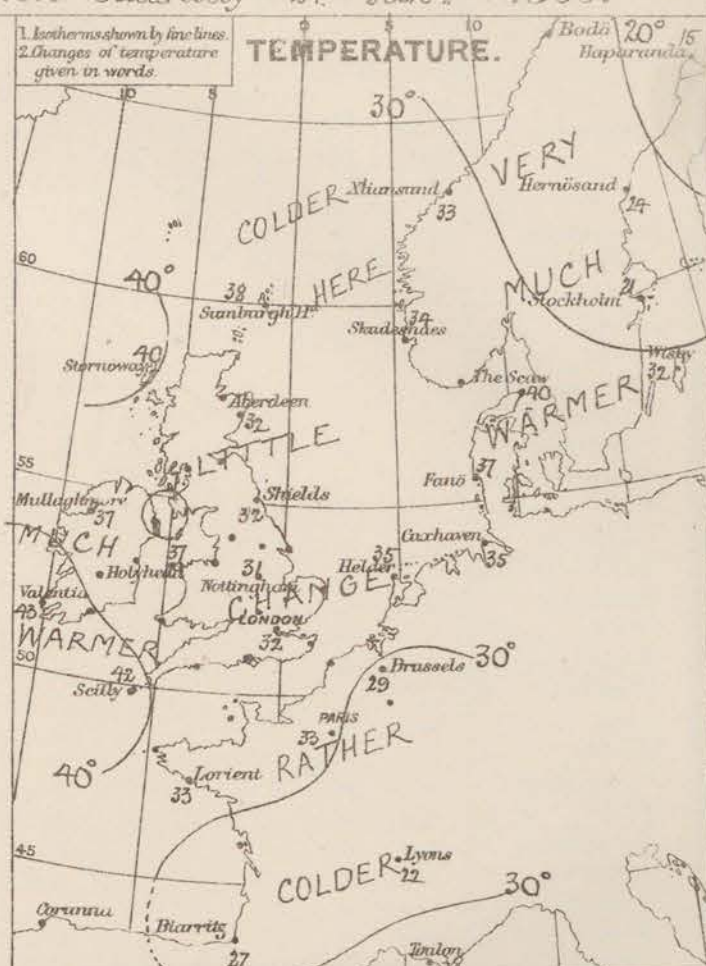
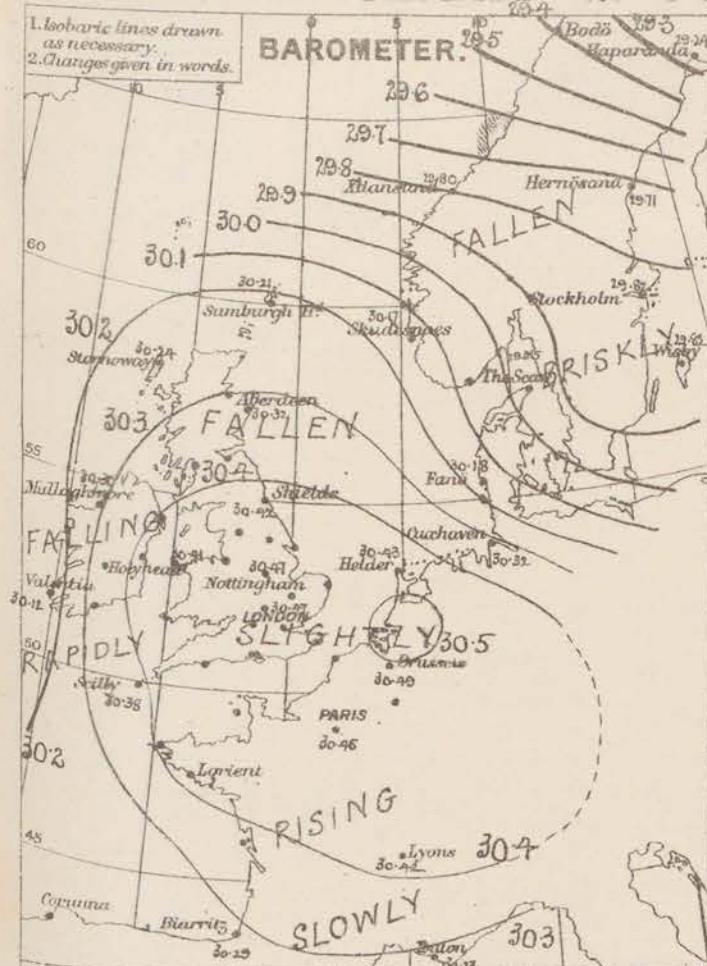
\* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.



WEATHER CHARTS for 8 a.m. on Saturday 24<sup>TH</sup> Jan<sup>Y</sup> 1820.



REMARKS. Pressure is increasing over the S.<sup>th</sup> and central parts of France, decreasing elsewhere. At Valencia the mercury has fallen fast during the night, and a rather important depression is apparently approaching the W. of Ireland, while the area of highest pressure, now 30.4 ins. lies over England the N.<sup>th</sup> and central parts of France and the Netherlands. At the same time a large depression is crossing Scandinavia from W to E and the barometer is falling briskly over Norway and Sweden. The wind circulates round the high pressure over and in the neighbourhood of these islands, blowing from E. over France, from S. over our W. coasts, from W. in the N. and from NW over the North Sea. At Valencia, owing to the approach of the new depression the wind is strong. In Scandinavia the wind is W. to NW and blows a gale at Christiansund. Temperature has not changed much over Great Britain but has risen fast in Ireland. It ranges from 43° at Valencia to 31° at Nottingham. Last night slight frost was experienced over Central and E.<sup>th</sup> England. Sea is rather rough off the SW. of Ireland, moderate to slight elsewhere.

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*Meteorological Office.*  
116, Victoria Street, Westminster, S.W.

R. H. SCOTT.  
Secretary



# DAILY WEATHER REPORT

JAN 25<sup>TH</sup>

1880.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.			
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.				
			Direc.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 12).			Max.	Min.	Amount of Rainfall.		
Haparanda	29.60	17	NW	4	b	29.88	+ .64	9	9	- 6	NYW	4	b	*	19	7	-		
Hernösand	29.92	24	N	2	b	30.13	+ .42	19	18	- 5	N	2	c	*	32	19	-		
Stockholm	30.07	24	NN	4	b	30.16	+ .34	18	17	- 2	NNN	4	b	*	30	?	-		
Wisby	29.92	32	N	8	b	30.11	+ .29	30	27	- 2	NNE	4	b	*	36	23	-		
Bodö																			
Christiansund	30.13	33	WSN	7	o	30.06	+ .26	38	39	+ 5	SW	3	c	6	?	?	-		
Skudesnaes	30.20	32	L	0	b	30.16	- .01	33	32	- 1	E	4	b	2	26	32	-		
Oxö (Xriansund)	30.13	33	NN	1	b	30.21	+ .15	27	25	- 12	NNN	2	b	1	29	23	-		
Skagen (The Skaw)	30.13	34	L	0	b	30.24	+ .29	30	30	- 10	SE	3	o	*	?	23	-		
Fanö	30.19	35	NNN	4	b	30.24	+ .06	35	34	- 2	WSN	1	c	*	37	32	-		
Cuxhaven	30.29	37	NNN	2	f	30.30	- .02	36	36	+ 1	NN	1	c	0	?	32	-		
Sumburgh Head	30.12	40	SSN	1	b	29.97	- .24	40	36	+ 2	SSN	4	o	4	48	34	-		
Stornoway	30.03	39	SSN	6	o	29.84	- .40	41	40	+ 1	S	6	o	5	41	37	-		
Wick	30.12	36	N	1	b	29.99	- .27	38	35	- 1	SW	2	c	0	43	33	-		
Nairn	30.13	33	S	1	b	29.98	- .32	36	34	- 1	SW	3	c	2	40	33	-		
Aberdeen	30.17	34	S	1	b	30.06	- .26	35	33	+ 3	S	3	o	1	39	31	-		
Leith	30.21	37	SE	1	b	30.06	- .30	34	31	0	L	0	c	*	39	33	-		
Shields	30.27	36	N	2	c	30.16	- .26	32	31	0	SW	4	c	2	38	29	-		
Spurn Head	30.32	32	SSN	4	b	30.21	- .21	31	30	- 3	S	4	o	4	36	30	-		
York	30.31	34	W	1	o	30.20	- .23	30	28	- 4	S	3	o	*	38	30	-		
Nottingham	30.33	31	S	2	o	30.22	- .25	28	27	- 3	ESE	1	o	*	35	28	-		
Ardrossan	30.19	38	SSN	5	o	30.03	- .34	37	35	- 1	SSN	5	o	5	40	34	0.01		
Mullaghmore	30.03	28	SSE	6	o	29.82	- .48	40	38	+ 3	SSE	8	og	6	40	35	0.05		
Donaghadee	30.21	35	SW	2	o	30.02	- .39	37	35	+ 9	SSN	4	o	2	40	28	0.02		
Parsonstown	30.10	36	SE	3	o	29.91	- .45	38	37	+ 4	SSE	4	o	0	39	34	0.04		
Holyhead	30.24	36	SW	2	m	30.07	- .34	34	32	- 3	SSN	3	m	2	38	33	-		
Liverpool (Bidston)	30.29	31	SSE	2	o	30.15	- .28	30	29	- 4	ESE	3	o	1	35	30	-		
Valentia	29.96	44	SSE	7	f	29.77	- .35	45	44	+ 2	SE	6	og	5	47	43	1.22		
Roche's Point	30.06	39	S	7	o	29.86	- .47	42	42	+ 2	S	7	f	5	43	?	0.18		
Pembroke	30.23	39	S	5	o	30.02	- .40	37	35	+ 2	SE	5	o	4	40	35	-		
Scilly	30.23	40	SE	6	o	29.97	- .41	42	45	0	SE	7	o	6	43	38	-		
Prawle Point	30.30	34	ESE	4	o	30.07	- .36	35	30	+ 1	ESE	4	c	4	38	32	-		
Hurst Castle	30.45	35	E	3	o	30.16	- .32	34	32	- 1	SE	3	o	2	38	33	-		
Dover	30.39	33	S	2	b	30.22	- .25	30	30	- 4	SE	3	b	2	36	30	-		
London	30.38	33	SW	1	o	30.20	- .27	31	29	- 1	SE	2	o	*	36	30	-		
Oxford	30.27	32	N	1	o	30.18	- .30	30	30	- 2	E	1	o	*	34	29	-		
Cambridge	30.36	34	NN	1	o	30.21	- .25	29	28	- 2	S	1	o	*	35	28	-		
Yarmouth	30.36	34	SW	2	b	30.24	- .21	31	29	- 3	SSN	2	c	2	37	30	-		
The Helder	*	*	*	*	*	30.30	- .13	31	30	- 4	S	1	o	*	*	*	*		
Cape Gris Nez	30.39	28	SE	1	b	30.23	- .25	24	24	- 7	SE	1	m	5	34	?	-		
Jersey	30.36	33	SSE	2	o	30.13	- .33	29	27	- 5	SE	2	cm	2	34	29	-		
Brest	30.27	33	SE	4	o	30.09	- .33	30	28	- 5	ESE	4	o	3	36	30	-		
Lorient	30.27	32	ESE	4	m	30.06	- .31	25	24	- 8	E	5	m	3	34	25	-		
Rochefort	30.26	32	E	4	m	30.10	- .26	25	23	+ 1	E	5	b	2	43	19	-		
Biarritz	30.20	37	E	5	b	30.06	- .23	30	31	+ 9	SE	5	b	2	43	23	-		
Corunna	*	*	*	*	*	29.96	- .18	45	*	+ 5	N	4	2	1	*	*	*		
Brussels	*	*	*	*	*	30.28	- .21	18	?	- 11	E	1	b	*	32	17	-		
Charleville	?	22	E	1	b	?	?	5	?	- 21	E	4	m	*	38	5	-		
Paris	30.38	33	?	2	b	30.21	- .24	23	22	- 10	NNE	3	b	*	*	*	-		
Lyons	30.37	23	NE	1	b	30.31	- .11	8	8	- 14	ENE	1	o	*	27	8	-		
Toulon	30.25	39	E	5	b	30.15	- .08	32	?	- 6	E	4	s	3	41	?	-		

## YESTERDAY'S 045PM REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	30.19	36	34	2	o	of	2	Valentia ...	30.14	44	41	SSE	6	og d	5
Sumburgh Head	30.18	45	44	2	o	o	2	Scilly ...	30.33	41	40	S	5	o	4
Stornoway ...	30.17	39	37	SSW	6	b	5	Dover ...	30.44	35	32	SSW	2	be	1
Aberdeen ...	30.26	37	35	WSW	1	b	1	London ...	30.43	36	33	SW	1	og	2
Shields ...	30.34	35	35	NNW	2	o	2	Yarmouth ...	30.41	37	34	NNW	1	c	2
Ardrossan ...	30.39	39	35	SSW	4	o	3	Jersey ...	30.44	33	30	SSE	2	og	2
Mullaghmore ...	30.20	38	35	SSE	2	ogw	4	Rochefort ...	30.31	38	34	ESE	4	b	2
Holyhead ...	30.36	37	34	SSW	3	m	2								

Pressure is giving way over the whole of Western Europe - most on our W coast, so that gradients for S winds are becoming general and fresh S winds are blowing in the N. The weather is dull except in N. Scotland. The sea is still rough at Valentia.

High Level station Bar. not corrected for altitude (1135 feet above MSL)

HAWES JUNCT. 28.99 | 30 | SSW | 1 | 0 | ? | ? | 26 | 26 | - 4 | SSW | 1 | 0 | 0 | 31 | 25 | -

## EXPLANATION OF COLUMNS.

**WEATHER.**—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy) o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

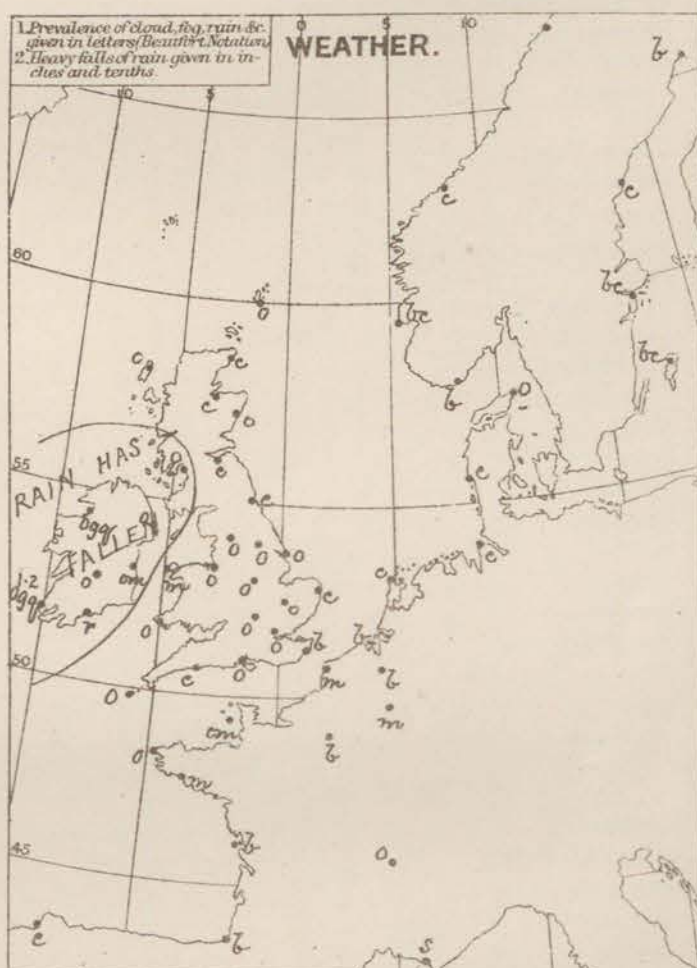
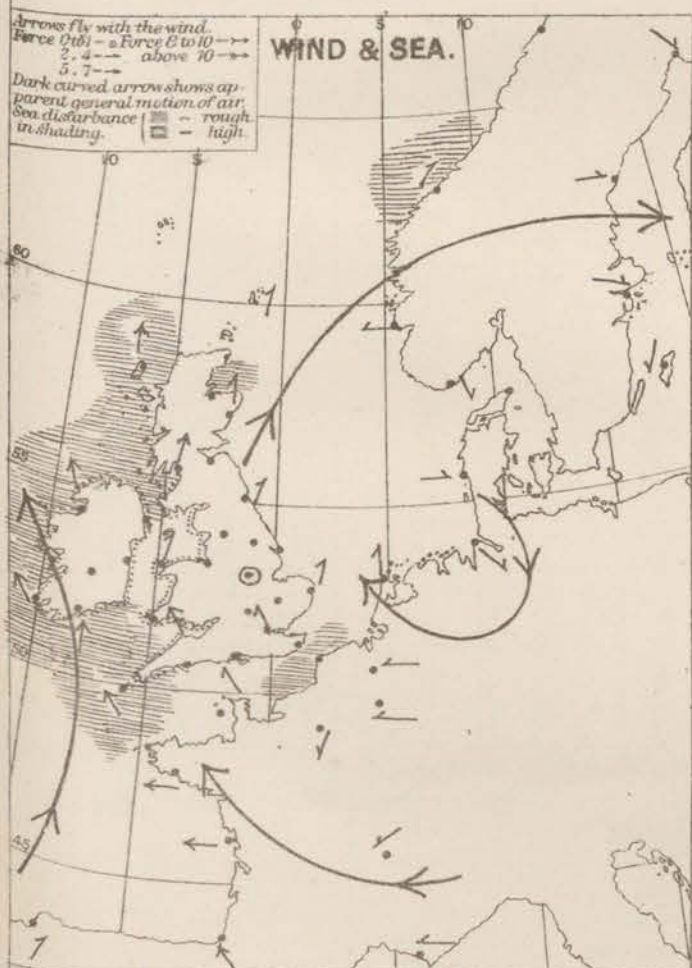
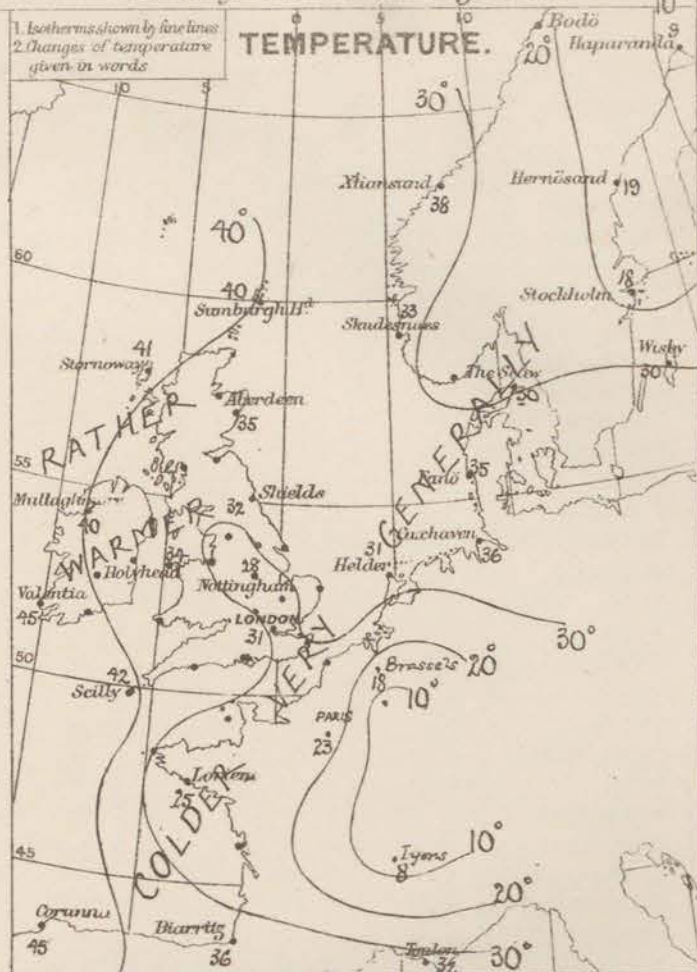
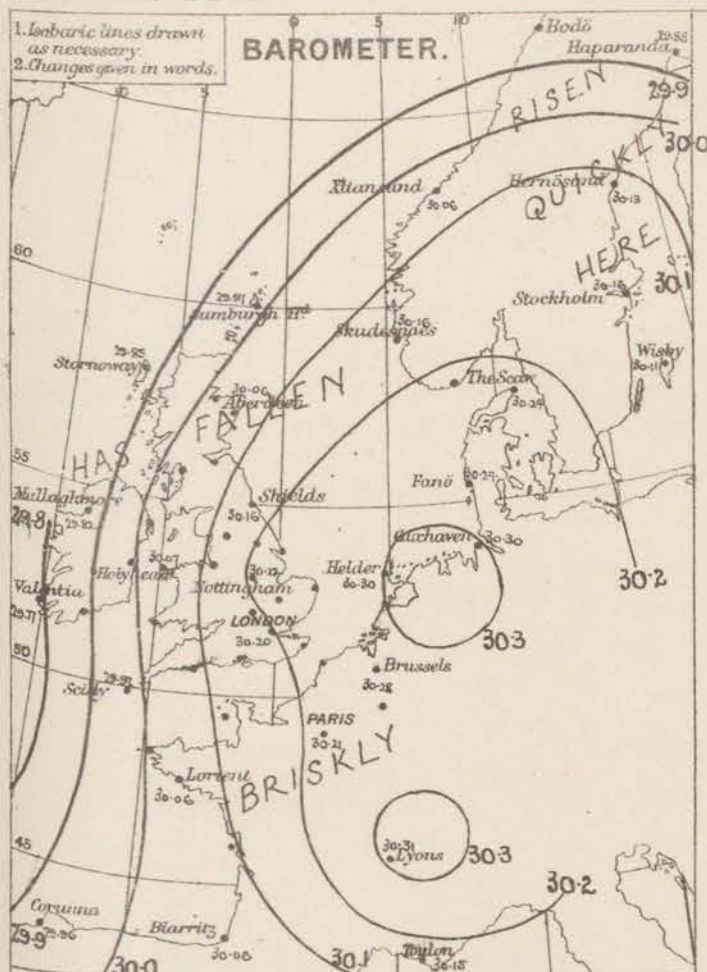
\* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.



WEATHER CHARTS for 8 a.m. on Sunday 25<sup>th</sup> January 1880.



As dotted line has been drawn when the signals are over —

REMARKS. The area of highest pressure has moved away in an E<sup>h</sup> direction and now covers the S.E. of England, the S<sup>th</sup> portions of the North Sea and the greater part of France; at the same time the barometer has fallen generally most in the W<sup>th</sup> and depressions are passing N<sup>th</sup> along our W<sup>th</sup> coasts. S<sup>th</sup> breezes are consequently reported from most places, blowing strongly in the W. A moderate gale was experienced in the SW last night. Temperature has risen very slightly in the W. and N, but has fallen in most other places. Sharp frost prevails on the Continent, but over these Islands readings range from 28° at Nottingham to 41° at Stornoway and 45° at Valentia. The weather is overcast or very cloudy and rain is reported from the S. of Ireland. Very heavy rain has fallen at Valentia. The sea is rough on our W<sup>th</sup> and SW<sup>th</sup> coasts. The South Wind was hoisted in the W. and SW. last evening.

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*Meteorological Office.*  
116, Victoria Street, Westminster, S.W.

R. H. SCOTT.  
Secretary.



# DAILY WEATHER REPORT JAN<sup>y</sup> 26<sup>th</sup> 1880.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.				
			Dirac.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dirac.	Force. (0 to 12).			Max.	Min.	Amount of Rainfall.		
Haparanda ...	30.08	10	Z	0	0	30.04	+ .16	19	19	+ 10	SE	2	0	*	?	3	—		
Hernösand ...	30.15	30	Z	0	0	30.17	+ .04	15	14	— 4	Z	0	0	*	32	14	—		
Stockholm ...	30.04	21	WSTH	2	0	30.39	+ .23	20	19	+ 2	WSTH	2	0	*	28	14	—		
Wisby ...	30.26	31	Z	0	0	30.34	+ .23	29	28	— 1	Z	0	0	*	34	27	—		
Bodö ...	29.92	32	S	2	0	29.85	— .07	40	39	— 1	SW	8	0	6	41	28	—		
Christiansund ...	30.05	36	S	1	0	30.00	— .06	39	38	— 1	SWH	4	0	4	39	27	—		
Skudesnaes ...	30.23	36	SSE	6	0	30.26	+ .10	37	36	+ 4	SSE	6	0	5	37	?	—		
Oxö (Xtiansund) ...	30.21	20	NE	2	0	30.36	+ .15	30	29	+ 3	N	1	0	1	34	27	—		
Skagen (The Skaw)	30.34	27	SSE	2	0	30.39	+ .15	34	33	+ 4	W	2	0	*	?	19	—		
Fanö ...	30.38	34	SWH	2	0	30.42	+ .18	31	31	— 4	SWH	4	0	*	36	30	—		
Cuxhaven ...	30.37	37	W	1	f	30.45	+ .15	34	34	— 2	SSE	1	f	2	?	32	—		
Sumburgh Head	29.99	40	SWH	4	0	29.94	— .05	42	40	+ 2	SWH	4	0	5	42	35	—		
Stornoway ...	29.92	41	SWH	4	0	29.87	+ .05	45	44	+ 4	SWH	7	0	6	45	38	0.03		
Wick ...	30.01	38	SWH	3	0	30.00	+ .01	39	37	+ 1	SWH	3	0	2	39	35	—		
Nairn ...	30.03	35	SWH	1	0	30.04	+ .06	37	35	+ 1	Z	0	0	1	40	34	—		
Aberdeen ...	30.09	33	SWH	2	0	30.14	+ .08	32	31	— 3	SWH	3	0	1	36	31	—		
Leith ...	30.14	31	W	1	0	30.21	+ .15	31	30	— 3	SWH	1	0	*	36	24	—		
Shields ...	30.21	30	SWH	3	0	30.23	+ .07	27	27	— 5	SWH	2	0	2	32	27	—		
Spurn Head ...	30.24	30	S	2	0	30.31	+ .10	34	33	+ 3	SWH	2	0	4	36	28	—		
York ...	30.24	30	S	2	0	30.34	+ .14	29	29	— 4	Z	0	0	*	31	27	—		
Nottingham ...	30.26	30	SE	1	0	30.34	+ .12	29	28	+ 1	Z	0	0	*	31	27	—		
Ardrossan ...	30.12	36	S	5	0	30.22	+ .19	37	35	— 0	S	5	0	4	38	34	—		
Mullaghmore ...	30.02	41	SSE	5	ogm	30.12	+ .30	40	37	— 0	SWH	6	ogm	4	42	38	—		
Donaghadee ...	30.15	37	SSE	4	0	30.24	+ .22	34	33	— 3	S	2	0	2	38	33	—		
Parsonstown ...	30.05	39	SSE	3	0	30.24	+ .33	34	33	— 4	SSE	3	0	0	41	31	—		
Holyhead ...	30.14	36	S	2	0	30.28	+ .21	34	32	— 0	SWH	2	0	1	28	33	—		
Liverpool (Bidston)	30.20	31	SSE	1	0	30.22	+ .07	28	27	— 2	ESE	1	0	1	32	28	—		
Valentia ...	30.02	44	S	4	0	30.20	+ .43	43	41	— 2	S	4	om	4	46	42	0.24		
Roche's Point...	29.98	40	SSE	6	0	30.24	+ .38	41	39	— 1	SSE	4	0	0	46	40	—		
Pembroke ...	30.13	35	ESE	3	0	30.30	+ .28	28	27	— 9	ENE	1	cm	3	38	27	—		
Scilly ...	30.02	40	E	6	cm	30.23	+ .26	41	40	— 1	E	5	0	5	42	39	—		
Prawle Point ...	30.07	35	ESE	4	0	30.26	+ .19	29	28	— 6	NNE	2	m	3	37	27	—		
Hurst Castle ...	30.16	33	ESE	4	0	30.29	+ .13	29	29	— 5	NE	3	om	2	39	27	—		
Dover ...	30.19	29	ESE	3	0	30.29	+ .07	28	27	— 2	SE	3	0	2	33	27	—		
London ...	30.18	29	E	2	0	30.30	+ .10	19	18	— 12	Z	0	f	*	35	18	—		
Oxford ...	30.22	28	SE	1	0	30.31	+ .13	21	21	— 9	Z	0	0	*	32	21	—		
Cambridge ...	30.24	31	SE	1	0	30.32	+ .14	23	23	— 6	N	1	0	*	34	23	—		
Yarmouth ...	30.24	32	ESE	3	0	30.31	+ .07	34	33	+ 3	SE	3	0	0	35	30	—		
The Helder ...	*	*	*	*	*	30.35	+ .05	29	28	— 2	SE	1	0	*	*	*	*		
Cape Gris Nez	30.19	22	E	3	m	30.29	+ .06	20	20	— 4	ESE	1	0	0	32	19	—		
Jersey ...	30.10	33	ENE	2	0	30.26	+ .13	28	26	— 1	NE	2	0	1	34	25	—		
Brest ...	30.06	35	SE	5	0	30.21	+ .12	28	26	— 2	E	3	0	2	39	?	—		
Lorient ...	29.98	30	E	5	m	30.16	+ .10	26	23	+ 1	E	7	m	3	36	23	—		
Rochefort ...	29.99	38	SE	4	0	30.16	+ .06	25	?	— 0	ENE	5	m	2	48	19	—		
Biarritz ...	?	44	SSE	4	0	30.00	— .06	34	30	— 2	?	4	0	2	50	30	—		
Corunna ...	*	*	*	*	*	30.33	+ .05	21	21	+ 3	Z	0	0	*	30	?	*		
Brussels ...	*	*	*	*	*	?	?	10	?	+ 5	SE	1	0	*	34	?	—		
Charleville ...	?	20	ESE	1	0	30.30	+ .09	23	22	— 0	NE	1	0	*	*	*	—		
Paris ...	30.17	24	NE	3	0	30.30	+ .01	16	16	+ 8	NE	1	0	*	27	?	—		
Lyons ...	30.21	22	ENE	1	0	30.30	— .01	16	16	+ 8	NE	1	0	*	27	?	—		
Toulon ...	30.10	43	E	7	0	30.13	— .02	40	36	+ 8	E	8	0	7	43	?	—		

## YESTERDAY'S 0.45 PM REPORTS AND REMARKS.

Bar.	Dry.	Wet.	Wind.	Wca.	Sea.	Bar.	Dry.	Wet.	Wind.	Wca.	Sea.
Skudesnaes	30.19	37	32	SE	6	0	3	Valentia			
Sumburgh Head								Scilly			*
Stornoway								Dover			
Aberdeen								London			
Shields								Yarmouth			
Ardrossan								Jersey			
Mullaghmore								Rochefort	30.03	43	38
Holyhead											

HAWES JUNCT 28.90 26 High Level station. Bar. not corrected for altitude 1135 ft above MSL. 29.00 ? 22 22 — 4 SSE 2 0 26 22 —

## EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. equally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

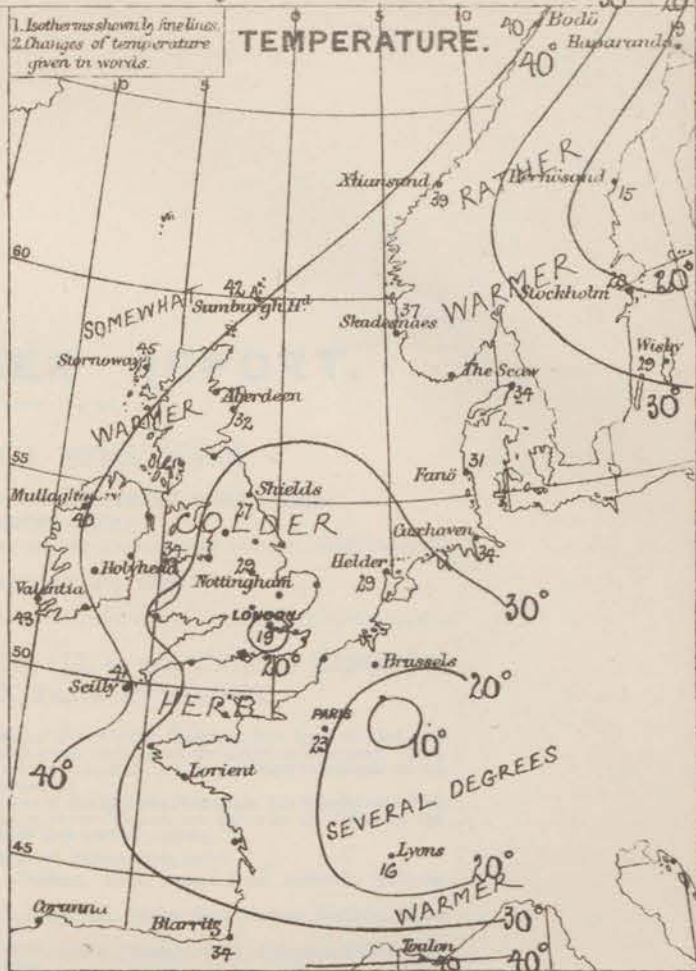
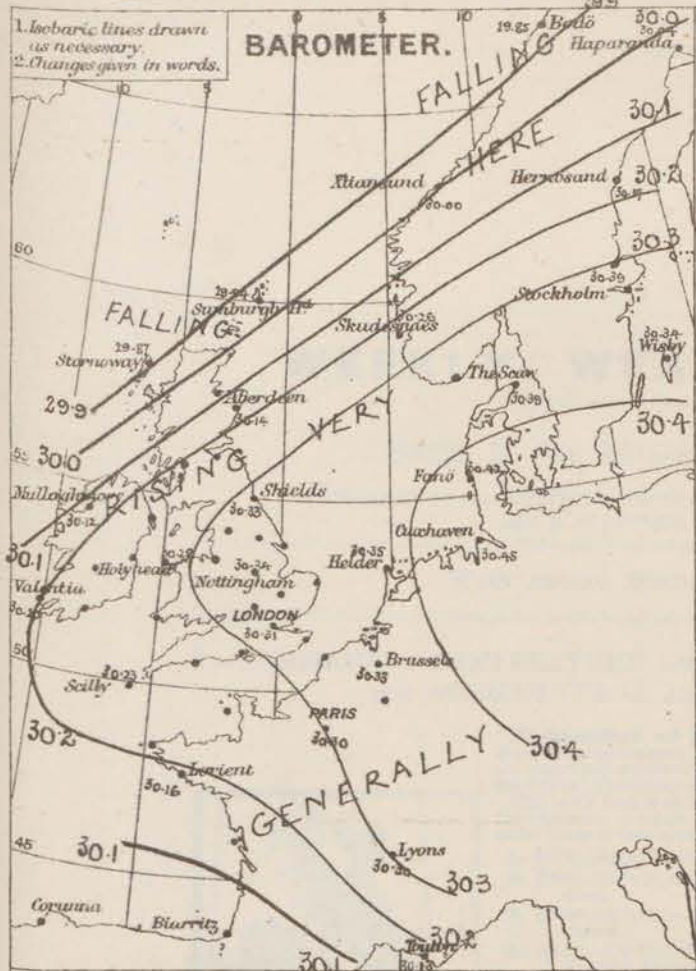
\* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.



WEATHER CHARTS *for 8 a.m. on Monday 26<sup>th</sup> Jan<sup>y</sup> 1880.*



REMARKS. The depression whose centre lay off our W<sup>coast</sup> yesterday morning, giving us strong E<sup>ly</sup> winds and fresh gales at our W<sup>coast</sup> stations has travelled away to the N<sup>o</sup> during the night. The wind has backed and the barometer risen generally. Temperature has fallen fast over our SE<sup>coast</sup> countries in the night, and is now as low as 19° in London, while it varies from 41° to 43° on our extreme SW<sup>coast</sup>, 42° at Lumburg Heath, and 45° at Stromway. The weather is dry generally clear and bright at many of our N<sup>o</sup> stations, but dull and foggy over England. An area of high pressure now lies over N. Germany and extends W<sup>o</sup> over France and England, while rather decided gradients for SW<sup>ly</sup> winds are formed over Scotland and the W. of Norway. The barometer is rising at all stations excepting Stromway, where a slight fall of the morning and an increasing SW<sup>ly</sup> breeze seem to indicate the advance of a new depression moving in a NE<sup>ly</sup> direction past our extreme N<sup>o</sup> coast towards Norway. The sea is rough to the N<sup>o</sup> of Scotland, rather so at Sicily, moderate to smooth elsewhere. The South Sea was hoisted in the W. and SW<sup>ly</sup> Saturday evening, but has been lowered again this morning.

Description for these Charts payable in ad- vance to cover delivery.	Delivery by hand 10/- per quarter. " book post 6/- " "
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*Meteorological Office.*  
116, Victoria Street, Westminster. S.W.

R. H. SCOTT.  
Secretary.



# DAILY WEATHER REPORT JAN 27<sup>th</sup> 1880.

STATIONS.	+ YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Direc.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 12).			Max.	Min.			
Haparanda	29.92	23	S	2	o	29.74	— .30	22	22	+ 3	S	2	c	*	37	16	—		
Hernösand	30.08	17	Z	0	e	29.91	— .26	19	18	+ 4	SSW	2	c	*	30	10	—		
Stockholm	30.26	27	WSW	2	bo	30.23	— .16	31	30	+ 11	WSW	6	o	*	31	18	—		
Wisby	30.46	30	W	4	c	30.27	— .07	30	28	+ 1	W	6	bc	*	32	23	—		
Bodö	29.63	24	SW	4	o	29.34	— .51	41	26	+ 1	SW	8	r	7	41	36	0.95		
Christiansund	29.51	40	SW	4	b	29.65	— .35	44	38	+ 5	SW	4	o	5	45	30	—		
Skudesnaes	30.23	34	SSE	6	o	30.10	— .16	36	36	— 1	SSE	8	o	6	39	?	—		
Oxö (Kilansund)	30.34	35	SSW	6	o	30.25	— .11	35	33	+ 5	SSW	4	m	2	34	2	—		
Skagen (The Skaw)	30.39	32	SW	4	o	30.32	— .07	31	31	— 3	SW	4	o	*	34	23	—		
Fanö	30.44	31	SSW	2	b	30.38	— .04	30	30	— 1	SSW	4	m	*	32	27	—		
Cuxhaven	30.49	38	SE	1	b	30.45	— .00	22	22	— 12	S	1	b	4	30	21	—		
Sumburgh Head	29.86	43	SSW	6	o	29.77	— .17	46	44	+ 4	WSW	6	o	6	46	41	0.07		
Stornoway	29.79	45	SW	8	o	29.82	— .05	44	44	— 1	SW	4	o	4	46	43	—		
Wick	29.92	41	SW	4	c	29.89	— .11	42	41	+ 3	SW	4	o	2	42	37	—		
Nairn	29.95	41	SW	3	c	29.91	— .13	42	40	+ 5	SW	4	c	2	45	37	—		
Aberdeen	30.07	26	SSW	4	b	30.02	— .12	39	38	+ 7	SSW	2	c	3	40	31	—		
Leith	30.19	23	W	1	bc	30.12	— .09	38	36	+ 7	SSW	4	bc	*	40	31	—		
Shields	30.20	30	SW	2	bm	30.28	+ .05	25	24	— 2	SW	2	bc	2	33	24	—		
Spurn Head	30.33	33	S	2	b	30.33	+ .02	30	29	— 4	S	4	b	4	37	28	—		
York	30.32	31	S	1	b	30.32	— .02	22	22	— 7	S	1	b	*	34	22	—		
Nottingham	30.35	28	SSE	1	b	30.37	+ .03	22	21	— 7	SSW	1	f	*	38	19	—		
Ardrossan	30.19	39	S	6	o	30.13	— .09	41	39	+ 4	SSW	6	o	5	41	37	—		
Mullaghmore	30.10	42	SSW	6	bc	30.04	— .08	44	41	+ 4	SW	6	og	5	44	39	—		
Donaghadee	30.28	37	W	3	c	30.19	— .05	38	37	+ 4	W	2	bc	1	41	33	—		
Parsonstown	30.20	36	SSE	2	b	30.19	— .05	35	32	+ 1	SE	1	o	3	42	31	—		
Holyhead	30.29	36	SSW	1	m	30.27	— .01	35	34	+ 1	SSW	4	m	3	37	33	—		
Liverpool (Bidston)	30.32	27	SSE	1	bc	30.31	+ .01	20	19	— 8	SE	1	bc	1	31	20	—		
Valentia	30.21	42	ESE	4	bc	30.15	— .05	48	45	+ 5	S	5	om	5	49	40	—		
Roche's Point	30.28	40	WSW	3	bc	30.20	— .04	40	38	— 1	SSW	4	ow	4	45	39	—		
Pembroke	30.32	29	Z	0	b	30.31	+ .01	35	34	+ 7	SE	1	bc	3	36	27	—		
Scilly	30.30	39	NNE	3	om	30.32	+ .09	39	36	— 2	ESE	4	o	4	42	37	—		
Prawle Point	30.28	28	N	2	m	30.25	+ .09	27	26	— 2	NNW	1	b	1	33	26	—		
Hurst Castle	30.27	34	SE	2	bm	30.36	+ .07	26	26	— 3	E	2	m	3	38	23	—		
Dover	30.34	33	ESE	2	b	30.36	+ .07	26	25	— 2	NE	1	bf	1	34	25	—		
London	30.36	29	E	1	b	30.39	+ .09	20	18	+ 1	Z	0	f	*	34	12	—		
Oxford	30.36	26	Z	0	b	30.39	+ .08	18	18	— 3	Z	0	of	*	34	16	—		
Cambridge	30.35	30	SE	1	b	30.40	+ .08	18	17	— 5	N	1	bm	*	40	18	—		
Yarmouth	30.35	34	Z	0	b	30.38	+ .07	29	28	— 5	Z	0	f	2	35	26	—		
The Helder	*	*	*	*	*	30.29	+ .04	22	22	— 7	SE	1	f	*	*	*	*		
Cape Gris Nez	30.33	30	ENE	1	b	30.34	+ .05	26	26	+ 6	E	1	b	0	34	19	—		
Jersey	30.30	29	NNE	1	bm	30.37	+ .11	33	32	+ 5	NNE	1	bm	1	34	27	—		
Brest	30.26	34	E	4	b	30.36	+ .15	29	27	+ 1	E	3	b	2	43	?	—		
Loirent	30.25	37	ENE	4	m	30.30	+ .14	30	29	+ 4	E	4	m	3	41	23	—		
Roche fort	30.17	37	ENE	3	m	30.29	+ .13	28	26	+ 3	Z	4	m	2	50	21	—		
Biarritz	30.10	42	ESE	5	bc	30.21	+ .21	35	31	+ 1	SSE	4	bc	4	46	30	—		
Corunna	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Brussels	*	*	*	*	*	30.36	+ .03	20	?	— 1	Z	0	f	*	32	18	*		
Charleville	?	17	S	1	b	?	?	4	4	— 6	S	1	b	*	37	?	—		
Paris	30.32	31	?	4	b	30.36	+ .06	24	24	+ 1	NE	1	b	*	*	*	—		
Lyons	30.30	19	NNE	1	b	30.38	+ .08	7	7	— 9	NE	1	m	*	29	7	—		
Toulon	30.20	43	E	8	bc	30.22	+ .09	44	37	+ 4	NE	5	b	5	46	37	—		

## YESTERDAY'S 0.45 PM REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		
Skudesnaes ...	30.25	39	37	S	8	+	5	Valentia ...	30.24	45	41	SE	4	o	4
Sumburgh Head	29.91	43	41	SSW	5	o	5	Scilly ...	30.28	42	40	E	4	o	6
Stornoway ...	29.87	44	44	WSW	7	+	6	Dover ...	30.32	32	31	Z	0	b	1
Aberdeen ...	30.18	36	34	SSW	4	b	1	London ...	30.33	34	?	E	1	f	?
Shields ...	30.30	31	31	WSW	4	b	2	Yarmouth ...	30.34	35	33	SE	2	b	2
Ardrossan ...	30.26	39	37	S	7	cg	6	Jersey ...	30.31	32	30	E	1	cm	1
Mullaghmore ...	30.15	42	39	SSW	6	cm	5	Roche fort ...	30.17	49	42	NE	3	m	2
Holyhead ...	30.31	36	34	SSW	2	o	1								

Very little change has occurred since the morning beyond an increase in the force of the S<sup>W</sup> wind on our extreme NW coast. The barometer shows some inclination to fall again at Valentia.

High level station. Bar. not corrected for altitude (1135 ft above MSL)

HAWES JNCTN. 28.99 | 22 | 30 | 2 | 6 | 28.92 | — .02 | 25 | 22 | + 3 | SW | 2 | bc | + | 26 | 20 |

### EXPLANATION OF COLUMNS.

**WEATHER.**—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

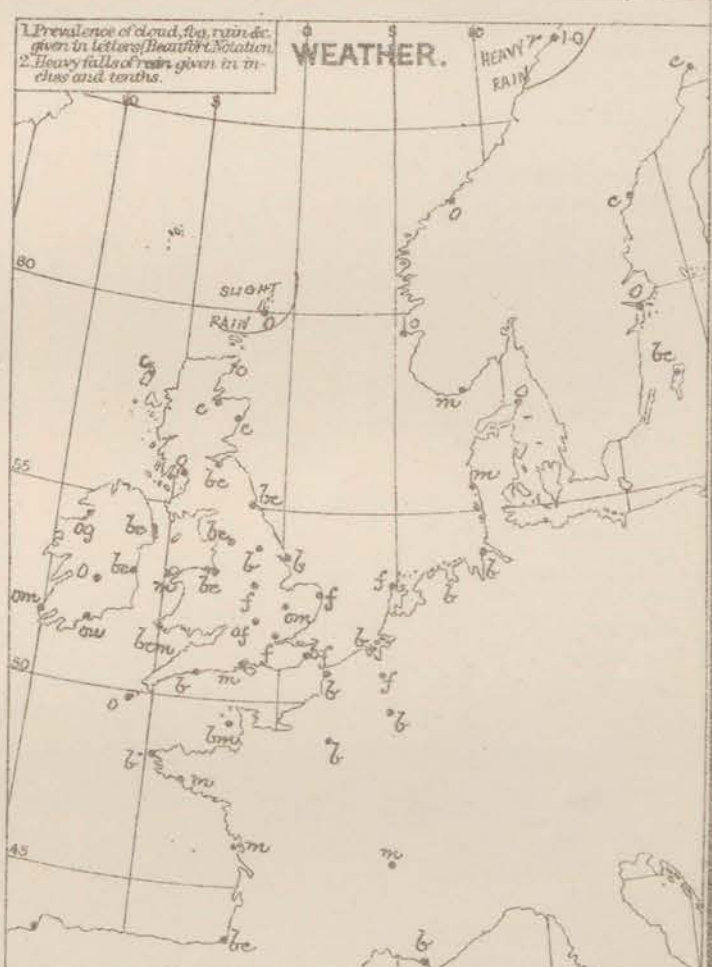
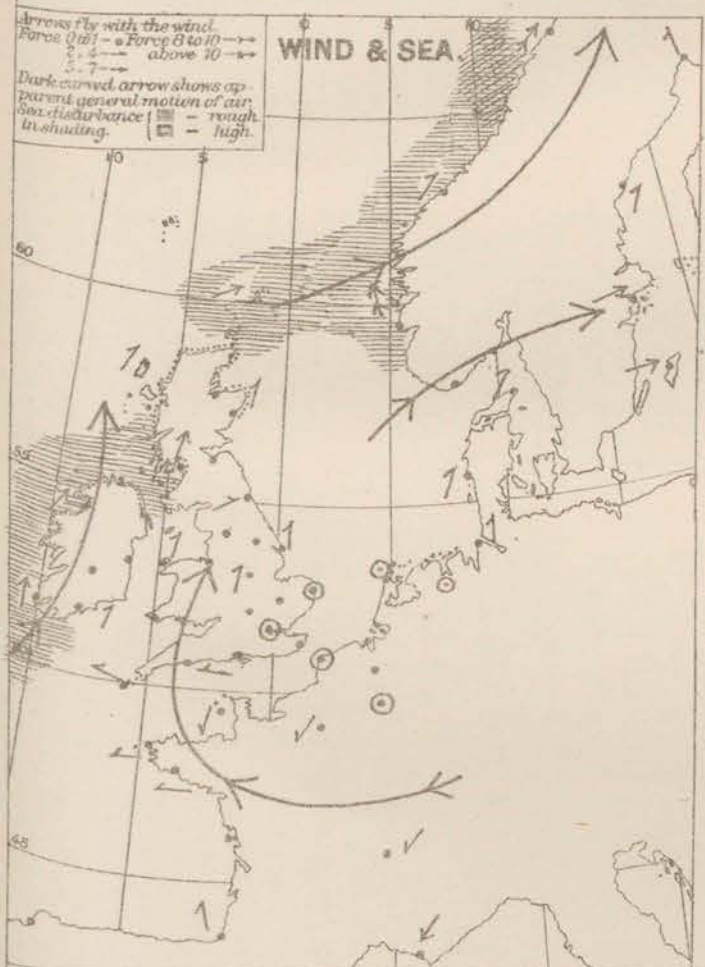
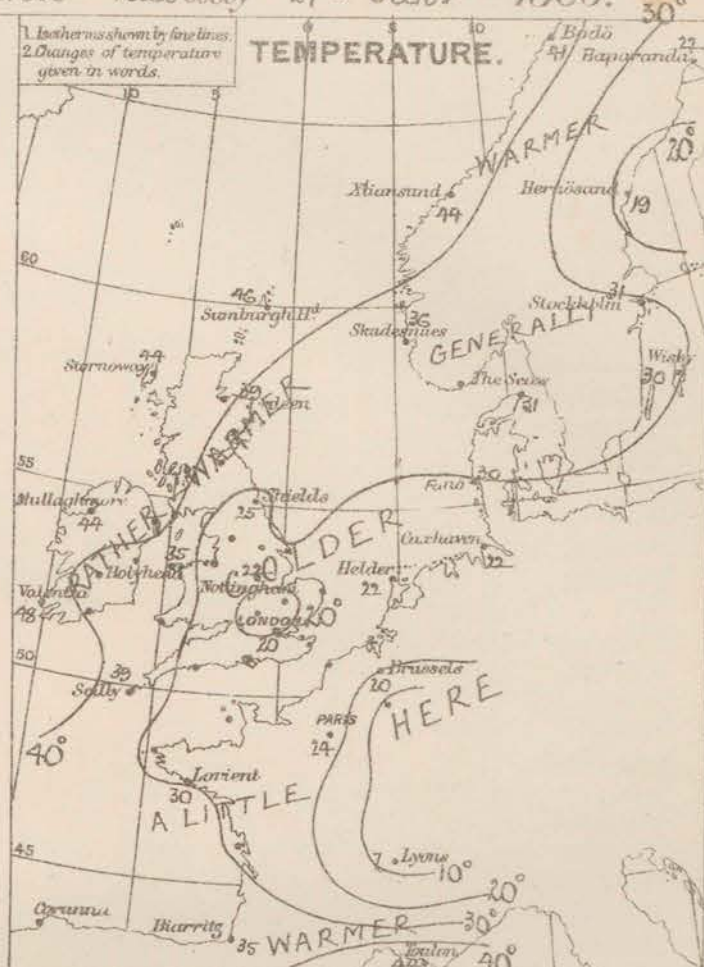
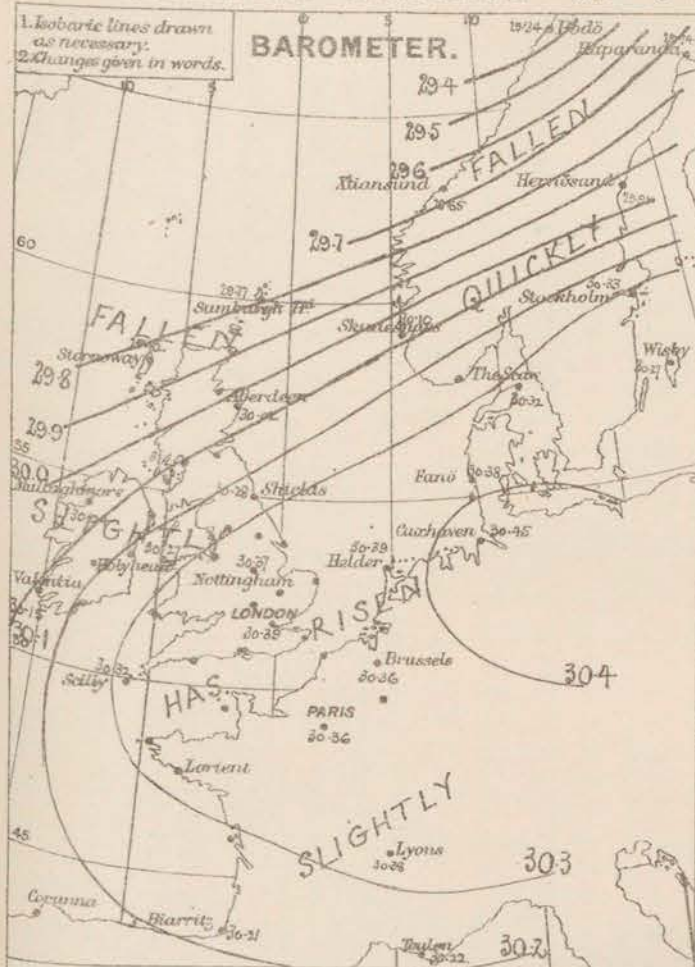
\* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.



WEATHER CHARTS for 8 a.m. on Tuesday 27<sup>th</sup> Jan<sup>y</sup> 1880.



As dotted is drawn where the signals are still up. —

REMARKS. The weather this morning is very calm, foggy and cold over England, but is at present fair in Scotland, cloudy and rather threatening in Ireland. Over the inland parts of England the temperature ranges from  $16^{\circ}$  to  $22^{\circ}$ , but in the W. part of Ireland it has risen to between  $44^{\circ}$  and  $48^{\circ}$ , and in the N. of Scotland to between  $42^{\circ}$  and  $46^{\circ}$ . Valentia is consequently  $30^{\circ}$  and Wm. Head  $28^{\circ}$  warmer than Oxford and Cambridge. Rushmore S. breezes prevail in Ireland this morning, and NW winds in Scotland, the latter having blown a fresh gale at some of the N. stations during the night, but over the E. half of England calm and variable airs are reported, while on the W. of France the wind is E. Pressure remains uniformly high in the E. and S. with a tendency to increase in most places, but is giving away in the W. There appears to be a new and apparently rather large depression approaching our NW. coasts from the Atlantic, which will probably cause a considerable increase in the force of the S. and SW. winds in Ireland and Scotland. The South Sea is up in the extreme N. NW. and W. Over France and N. Germany the weather is fine and bright but very cold, the temperature observed at Cam. being  $4^{\circ}$  at Chauxville,  $7^{\circ}$  at Lyons,  $20^{\circ}$  at Brussels,  $23^{\circ}$  at Paris and  $22^{\circ}$  or  $23^{\circ}$  at the Dutch stations.

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*Meteorological Office.*  
116, Victoria Street, Westminster, S.W.

R. H. SCOTT.  
Secretary



# DAILY WEATHER REPORT JAN 28<sup>TH</sup> 1830.

STATIONS.	† YESTERDAY EVENING.						S. A. M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	Barometer Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	SHADE TEMP.		Difference from 8 a.m. yesterday.	WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Dir.	Force. (0 to 19).				Dry.	Wet.		Dir.	Force. (0 to 19).			Max.	Min.			
Haparanda	29.61	30	S	4	b	29.62	-.12	28	28	+ 6	S	2	o	*	30	19	-		
Hernösand	29.89	19	W	0	e	29.78	-.13	31	28	+ 12	S	2	o	*	?	9	-		
Stockholm	30.13	32	W	6	o	30.03	-.20	32	32	+ 1	W	6	o	*	34	27	-		
Wisby	30.15	28	WSTN	4	b	30.22	-.15	30	29	0	WSTN	4	b	*	30	27	-		
Bodö																			
Christiansund	29.71	44	STN	6	o	29.74	+ .09	42	40	- 2	WSTN	7	o	5	45	34	0.28		
Skudesnaes	30.05	39	SSE	8	of	30.04	-.06	40	39	+ 14	SSE	6	ff	5	?	?	-		
Oxö (Kriensund)	30.18	33	SSW	4	m	30.16	-.09	36	35	+ 1	SSW	4	f	2	36	32	-		
Skagen (The Skaw)	30.25	34	STN	5	o	30.22	-.10	35	34	+ 4	WSTN	5	c	*	?	27	-		
Fanö	30.35	29	SSW	2	b	30.32	-.06	27	27	- 4	S	2	m	*	32	25	-		
Cuxhaven	30.43	30	SSE	1	b	30.43	-.05	20	20	- 2	SSW	1	b	3	30	19	-		
Sumburgh Head	29.78	44	STN	5	f	29.75	-.02	44	43	- 2	SSW	4	o	6	46	42	0.26		
Stornoway	29.77	40	STN	5	f	29.62	-.20	46	45	+ 2	SSW	8	o	6	47	41	-		
Wick	29.85	43	SSW	4	o	29.75	-.14	45	43	+ 3	SSW	5	b	3	45	40	-		
Nairn	29.91	43	STN	3	o	29.83	-.08	45	43	+ 3	STN	3	b	2	46	42	-		
Aberdeen	29.96	39	SSW	4	o	29.92	-.10	42	41	+ 3	S	5	og	3	42	39	-		
Leith	30.09	41	STN	5	e	30.02	-.10	42	40	+ 4	STN	4	e	*	45	38	-		
Shields	30.22	35	STN	2	b	30.17	-.11	30	30	+ 5	WSTN	2	m	2	39	25	-		
Spurn Head	30.31	33	SSW	2	b	30.27	-.06	23	23	- 7	SSW	3	b	3	38	23	-		
York	30.29	30	S	1	b	30.26	-.06	23	23	+ 1	S	1	f	*	31	21	-		
Nottingham	30.25	28	SSW	2	o	30.31	-.06	24	23	+ 2	SSW	2	of	*	29	22	-		
Ardrossan	30.07	44	SSW	7	og	30.01	-.12	45	43	+ 4	SSW	7	c	6	45	41	-		
Mullaghmore	29.99	47	STN	8	og	29.88	-.16	48	44	+ 4	STN	8	c	6	48	43	0.03		
Donaghadee	30.14	42	WSTN	4	e	30.06	-.13	43	42	+ 5	SSW	5	b	2	45	36	-		
Parsonstown	30.14	43	SSE	4	o	30.06	-.13	42	42	+ 7	S	4	e	3	45	34	0.01		
Holyhead	30.24	40	SSW	4	o	30.17	-.10	40	39	+ 5	SSW	4	o	3	41	34	-		
Liverpool (Bidston)	30.28	32	SSE	2	b	30.22	-.09	28	27	+ 8	SE	2	b	1	36	20	-		
Valentia	30.09	49	S	6	om	30.00	-.15	49	46	+ 1	S	7	om	6	51	46	-		
Roche's Point	30.18	41	SSW	5	o	30.10	-.10	46	44	+ 6	SSW	6	b	5	47	40	-		
Pembroke	30.20	29	S	3	b	30.22	-.09	42	39	+ 7	S	3	o	4	42	35	-		
Scilly	30.29	43	S	5	e	30.25	-.07	44	41	+ 5	S	5	b	4	45	38	-		
Prawle Point	30.32	32	WSTN	1	m	30.29	-.06	36	35	+ 9	E	2	m	2	42	31	-		
Hurst Castle	30.25	27	Z	0	f	30.33	-.03	27	27	+ 1	ENE	1	f	1	39	23	-		
Dover	30.34	33	ENE	2	b	30.34	-.02	25	24	- 1	N	1	b	0	35	24	-		
London	30.35	21	Z	0	f	30.34	-.05	22	20	+ 2	SSE	1	f	*	34	16	-		
Oxford	30.36	26	Z	0	o	30.32	-.07	19	19	+ 1	Z	0	of	*	29	18	-		
Cambridge	30.36	23	WSTN	1	f	30.32	-.08	19	19	+ 1	S	1	f	*	30	16	-		
Yarmouth	30.34	33	SE	1	b	30.32	-.06	24	23	- 5	STN	1	f	2	35	20	-		
The Heider	*	*	*	*	*	30.36	-.03	24	?	+ 2	SE	1	b	*	*	*	*		
Cape Gris Nez	30.32	29	E	1	m	30.36	+ .02	24	24	- 2	SE	1	m	0	34	?	-		
Jersey	30.35	37	ENE	1	b	30.34	-.03	32	31	- 1	ENE	1	om	1	43	30	-		
Brest	30.17	36	E	4	b	?	?	34	32	+ 5	ESE	4	b	2	46	28	-		
Lorient	30.30	36	N	4	m	30.27	-.03	30	27	0	E	4	m	3	41	28	-		
Roche fort	30.30	36	ENE	1	m	?	?	26	25	- 2	NE	5	m	2	50	19	-		
Biarritz	30.23	44	ENE	3	b	30.22	+ .01	37	34	+ 2	W	1	b	4	53	32	-		
Corunna	*	*	*	*	*			*	*					*	*	*	*		
Brussels	*	*	*	*	*	30.39	+ .03	19	18	- 1	Z	0	f	*	30	18	-		
Charleville	?	15	S	1	b	?	?	2	?	- 2	SE	1	b	*	33	2	-		
Paris	30.35	28	?	1	b	30.36	00	19	19	- 5	NE	1	b	*	*	*	-		
Lyons	30.34	17	N	1	b	30.42	+ .04	7	7	0	ENE	1	m	*	28	6	-		
Toulon	30.24	46	E	4	b	30.25	+ .06	44	38	0	E	7	b	6	48	41	-		

## YESTERDAY'S 045PM REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		
Skudesnaes ...	30.10	39	37	WSTN	8	ff	7	Valentia ...	30.14	40	47	S	5	o	5
Sumburgh Head	29.83	45	44	WSTN	5	o	6	Scilly ...	30.34	45	40	S	4	e	4
Stornoway ...	29.81	45	45	WSTN	2	f	5	Dover ...	30.34	34	33	NNE	2	bf	1
Aberdeen ...	30.03	40	38	SSW	4	e	2	London ...	30.36	29	?	Z	0	b	2
Shields ...	30.25	32	32	STN	2	m	2	Yarmouth ...	30.38	32	32	Z	0	b	2
Ardrossan ...	30.13	43	41	SSW	7	og	6	Jersey ...	30.37	42	37	NNE	1	bm	1
Mullaghmore ...	30.04	46	42	STN	8	o	6	Roche fort ...	30.30	44	38	NE	4	m	2
Holyhead ...	30.20	39	37	SSW	4	e	3								

*Pressure is decreasing somewhat unsteadily in the N. and NW, and the SW<sup>ly</sup> wind is both increasing in force and spreading more over the country with milder weather. A dense fog has prevailed in London all the morning.*

*High level station. Bar not corrected for altitude 1135 ft above MSL.*

HAVES JNOTN 28.96 | 32 | SW | 3 | b | 28.91 | -.07 | 34 | 32 | + 9 | WSTN | 3 | 0 | \* | 34 | 23 | -

### EXPLANATION OF COLUMNS.

**WEATHER.**—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. equally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

\* AN ASTERISK is inserted in all places for which information is not usually received.

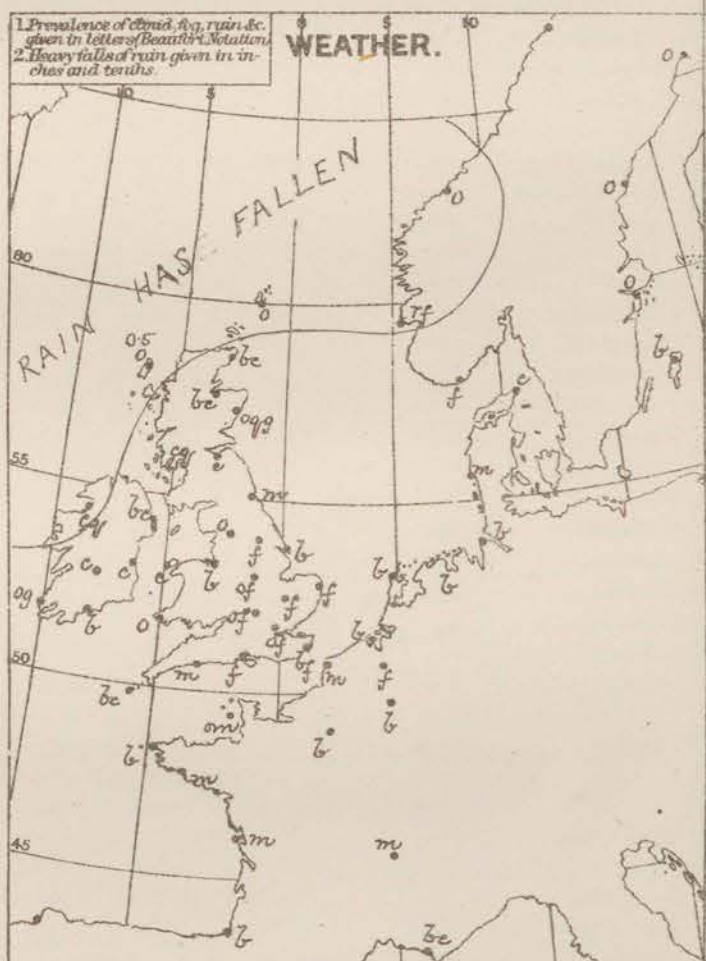
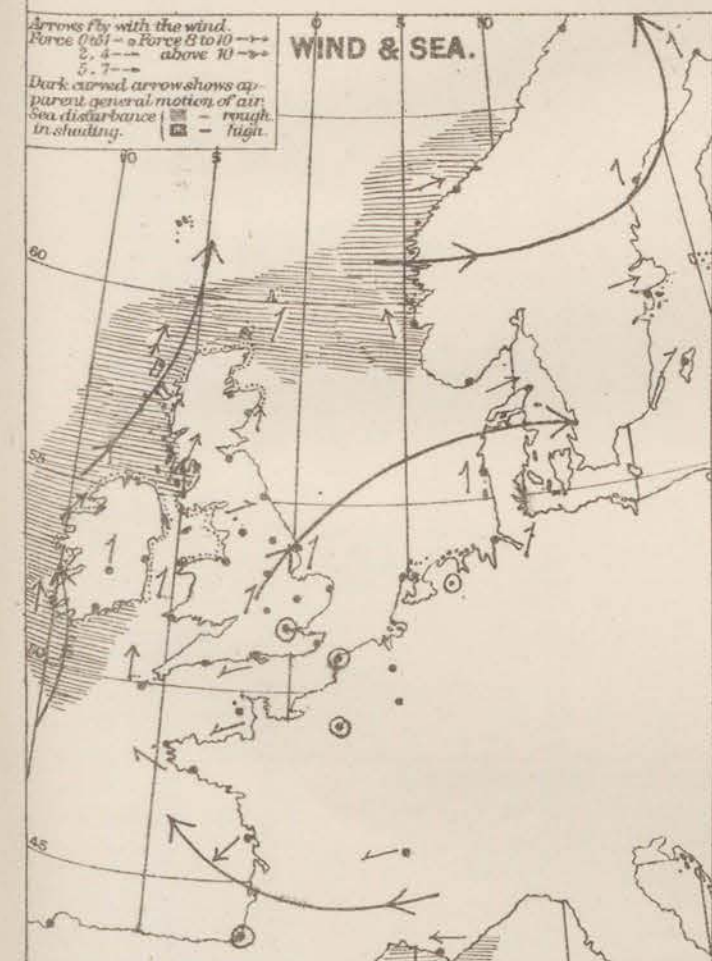
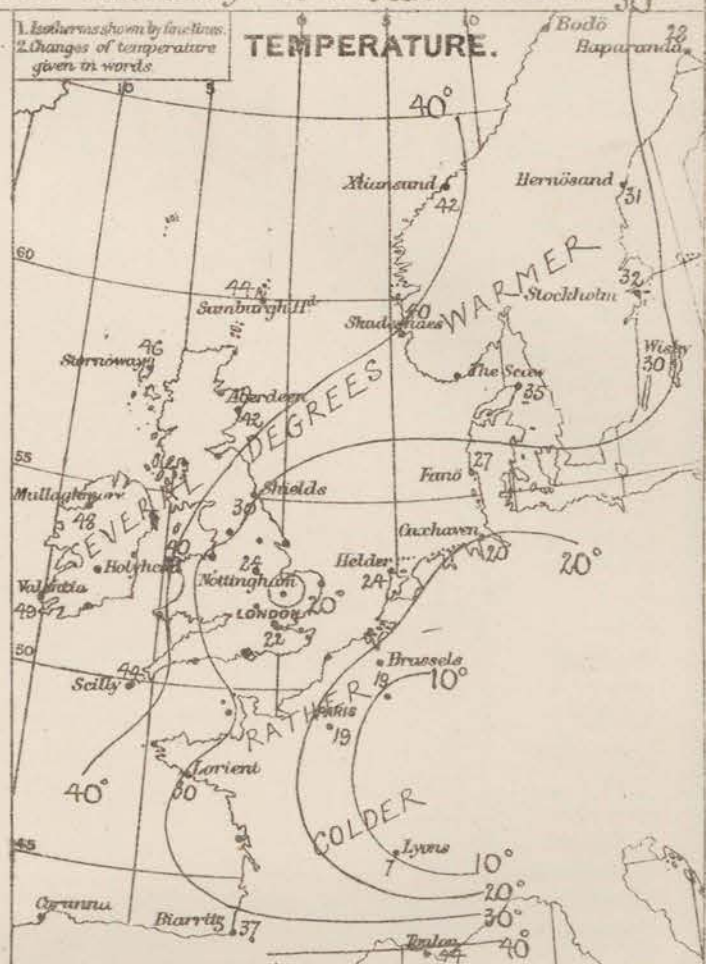
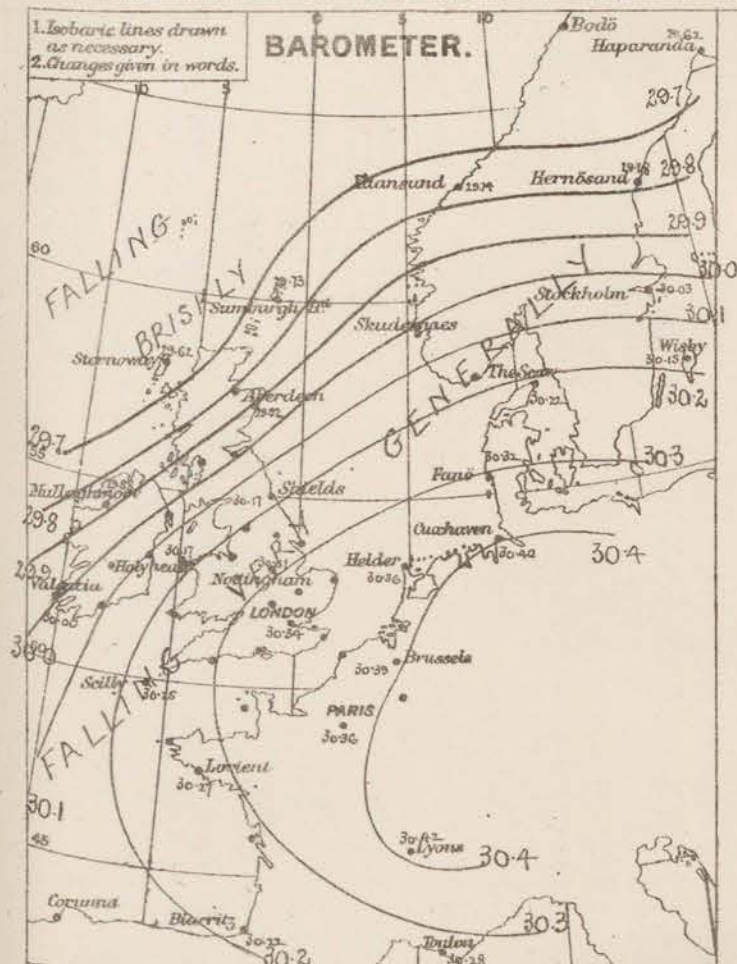
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.

NOTE. The minimum temperature for London in yesterday's report was inserted 12° in error, please read 17°.



WEATHER CHARTS for 8 a.m. on Wednesday 28<sup>TH</sup> Jan<sup>Y</sup> 1880. 30°



**REMARKS.** The change in the weather over our Islands, noticed in the report of Tuesday, is still in progress, but has not yet extended to the S<sup>w</sup> and E<sup>e</sup> counties of England. S<sup>w</sup> and SW breezes prevail over nearly the whole of the British Isles, and are strong to a gale in force along our W and NW coasts, and fresh in the E. of Scotland, over our SE<sup>e</sup> counties, however, calms and SE<sup>e</sup> airs are reported, while over France the wind is E<sup>e</sup>. Temperature has risen several degrees in all those regions where the SW winds have set in, and though still very low over our S<sup>w</sup> and SE<sup>e</sup> counties, is beginning to rise there also. The readings now vary from 19° at Oxford and Cambridge to 49° in the W of Ireland and 46° at Stenoway. In London a minimum of 16° in the shade and 9° on the grass were recorded last evening, but the thermometer has since <sup>risen</sup> to 22° in the shade, and 21° on the grass. Dull foggy weather still holds over the greater part of England, very variable and unsettled weather in the W and NW of our islands. Rain fell yesterday in the western N and NW only, but at Stenoway the fall amounted to 0.5 in. It seems likely that depressions will continue to pass in a NE<sup>e</sup> direction along our W<sup>e</sup> coasts, and to spread over the country more than they have done hitherto, making the milder weather more general. The South Bird is flying no more of our W<sup>e</sup> and W<sup>e</sup> coasts.

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Meteorological Office,  
116, Victoria Street, Westminster. S.W.

R. H. SCOTT.  
Secretary.

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Secretary.



# DAILY WEATHER REPORT JAN 29<sup>th</sup> 1880.

STATIONS.	+ YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETRE.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Direc.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 12).			Max.	Min.			
Haparanda	29.60	19	W	2	o	29.38	- 24	33	33	+ 5	S	4	r	*	34	18	0.08		
Hernösand	29.54	36	S	2	r	29.57	- 21	38	34	+ 7	S	2	c	*	46	16	0.12		
Stockholm	30.17	34	W	4	b	30.05	+ 02	30	25	- 2	W	4	b	*	36	28	-		
Wisby	30.20	32	SW	4	b	30.12	- 03	31	30	+ 1	WSW	4	b	*	37	25	-		
Bodö	29.34	40	S	2	o	28.89		42	40		SW	9	r	*	?	28	0.08		
Christiansund	29.38	47	SW	6	e	29.40	- 34	45	42	+ 3	SW	9	r	*	?	36	0.12		
Skudesnaes	29.95	39	SSE	9	bef	29.88	- 16	41	39	+ 1	SSE	8	of	*	41	39	-		
Oxö (Xtiansund)	30.13	35	SW	4	m	30.04	- 12	35	35	- 1	SSW	4	f	*	36	32	-		
Skagen (The Skaw)	30.21	30	SW	5	o	30.12	- 10	30	29	- 5	SW	5	b	*	?	25	-		
Fanö	30.26	27	S	2	b	30.18	- 14	29	28	+ 2	S	2	m	*	32	25	-		
Cuxhaven	30.38	30	S	1	b	30.26	- 14	17	17	- 3	S	1	b	*	30	16	-		
Sumburgh Head	29.48	46	SW	7	o	29.66	- 09	44	42	0	WNW	1	o	*	47	41	0.06		
Stornoway	29.42	47	SSW	9	r	29.73	+ 11	43	43	- 3	Z	0	o	*	50	40	0.20		
Wick	29.55	43	SW	6	e	29.73	- 02	42	41	- 3	WNW	1	e	*	47	40	0.01		
Nairn	29.66	47	SW	2	o	29.73	- 10	44	43	- 1	SW	2	d	*	49	44	0.02		
Aberdeen	29.76	43	SSW	7	e	29.80	- 12	43	40	+ 1	SSW	2	o	*	45	41	-		
Leith	29.92	43	SW	5	o	29.86	- 16	43	42	+ 1	SW	5	e	*	46	42	-		
Shields	30.06	35	SW	2	bm	30.01	- 16	31	31	+ 1	SW	2	bc	*	40	29	-		
Spurn Head	30.19	29	S	5	m	30.12	- 15	24	24	+ 1	S	5	bm	*	36	22	-		
York	30.16	31	S	2	b	30.09	- 17	22	22	- 1	S	1	b	*	33	22	-		
Nottingham	30.22	26	Z	0	b	30.17	- 14	14	13	- 10	Z	0	b	*	29	14	-		
Ardrossan	29.89	45	SSW	7	og	29.84	- 17	45	43	0	SSW	7	og	*	46	44	0.01		
Mullaghmore	29.73	49	SW	9	e	29.74	- 14	47	46	- 1	SSW	7	tm	*	50	38	0.08		
Donaghadee	29.94	44	SW	6	e	29.89	- 17	44	43	+ 1	SSW	6	e	*	46	42	-		
Parsonstown	29.94	46	SSW	5	e	29.85	- 21	46	44	+ 4	SE	3	e	*	48	41	-		
Holyhead	30.07	41	SSW	5	b	30.00	- 17	41	39	+ 1	SSW	5	b	*	43	30	-		
Liverpool (Bidston)	30.13	32	SE	4	b	30.06	- 16	26	25	- 2	SE	4	b	*	38	25	-		
Valentia	29.89	50	SSE	7	ang	29.77	- 23	50	48	+ 1	S	7	tmg	*	57	48	0.01		
Roche's Point	30.08	48	SSW	7	e	29.89	- 21	48	46	+ 2	SSW	7	e	*	50	45	-		
Pembroke	30.13	43	SSE	4	b	30.06	- 16	42	40	0	SE	5	o	*	45	38	-		
Scilly	30.16	46	S	6	bc	30.06	- 19	49	48	+ 5	SSW	6	o	*	49	43	-		
Prawle Point	30.23	40	ESE	3	m	30.15	- 14	40	39	+ 4	SE	2	b	*	45	31	-		
Hurst Castle	30.25	30	E	3	f	30.21	- 12	29	29	+ 2	ENE	1	f	*	33	26	-		
Dover	30.26	28	SW	2	bm	30.22	- 12	33	32	+ 8	WSW	3	om	*	34	24	-		
London	30.26	24	Z	0	f	30.21	- 13	21	?	- 1	SW	1	om	*	26	19	-		
Oxford	30.24	24	Z	0	o	30.21	- 11	23	22	+ 4	Z	0	of	*	25	18	-		
Cambridge	30.23	22	S	1	b	30.19	- 13	22	22	+ 3	SW	1	o	*	29	18	-		
Yarmouth	30.29	27	Z	0	bf	30.20	- 12	23	23	- 1	Z	0	f	*	28	17	-		
The Helder	*	*	*	*	*	30.21	- 15	19	18	- 5	SSE	1	b	*	*	*	*		
Cape Gris Nez	30.27	26	E	1	m	30.23	- 13	23	23	- 1	SSW	3	m	*	36	23	-		
Jersey	30.26	33	SE	1	bm	30.24	- 10	32	31	0	SSE	2	bm	*	39	31	-		
Brest	30.21	41	S	3	b	30.19	?	36	34	+ 2	SE	3	b	*	45	34	-		
Lorient	30.21	34	SSE	4	m	30.21	- 06	29	27	- 1	ESE	4	m	*	39	27	-		
Rochefort	30.21	35	ENE	4	m	30.20	?	34	32	+ 8	ESE	5	m	*	50	21	-		
Biarritz	30.17	48	ESE	4	b	30.17	- 05	34	37	+ 4	SSW	4	b	*	34	32	-		
Corunna	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Brussels	*	*	*	*	*	30.28	- 11	21	21	+ 2	S	3	b	*	34	?	-		
Charleville	?	22	SE	1	b	?	?	9	?	+ 7	S	1	b	*	?	?	-		
Paris	30.28	28	?	1	b	30.32	- 04	21	20	+ 2	E	1	b	*	*	*	-		
Lyons	30.36	21	E	1	b	30.41	- 01	21	20	+ 14	N	1	c	*	29	?	-		
Toulon	30.24	48	E	8	bc	30.25	- 03	50	46	+ 6	E	8	o	*	50	43	0.08		

## YESTERDAY'S 0-45 PM REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		Bar.	Dry.	Wet.	Wind.	Wca.	Sea.	
Skudesnaes ...	30.02	41	39	SSE	8	f	Valentia ...	29.96	50	47	SSE	7	og	6
Sumburgh Head	29.59	45	43	SSW	5	o	Scilly ...	30.22	49	45	S	6	b	4
Stornoway ...	29.50	47	46	SSW	9	o	Dover ...	30.31	33	31	ESE	2	bm	1
Aberdeen ...	29.86	43	41	S	7	o	London ...	30.32	26	?	Z	0	f	*
Shields ...	30.13	34	34	SW	2	bm	Yarmouth ...	30.31	28	27	SW	2	f	2
Ardrossan ...	29.97	45	42	SSW	7	cq	Jersey ...	30.31	36	25	SSE	2	om	4
Mullaghmore ...	29.82	49	45	SW	9	cq	Rochefort ...	30.27	42	37	ENE	4	m	2
Holyhead ...	30.15	42	40	SSW	5	o								

The barometer continues to fall in the NW. of our Islands. The wind is now blowing a strong gale from SW. at Mullaghmore and Stornoway, and is increasing in the W. and N. generally, and backing at Valentia. Warnings have been repeated to Scotland and have been extended lower down our NE. and W. coasts.

High level station. Bar. not corrected for altitude. (1135 ft above MSL)

HAWES JUNCTN | 29.82 | 32 | SSE | 3 | b | 29.74 | -17 | 34 | 34 | 0 | 2 | 0 | bc | \* | 37 | 34 | -

## EXPLANATION OF COLUMNS.

**WEATHER.**—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

\* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

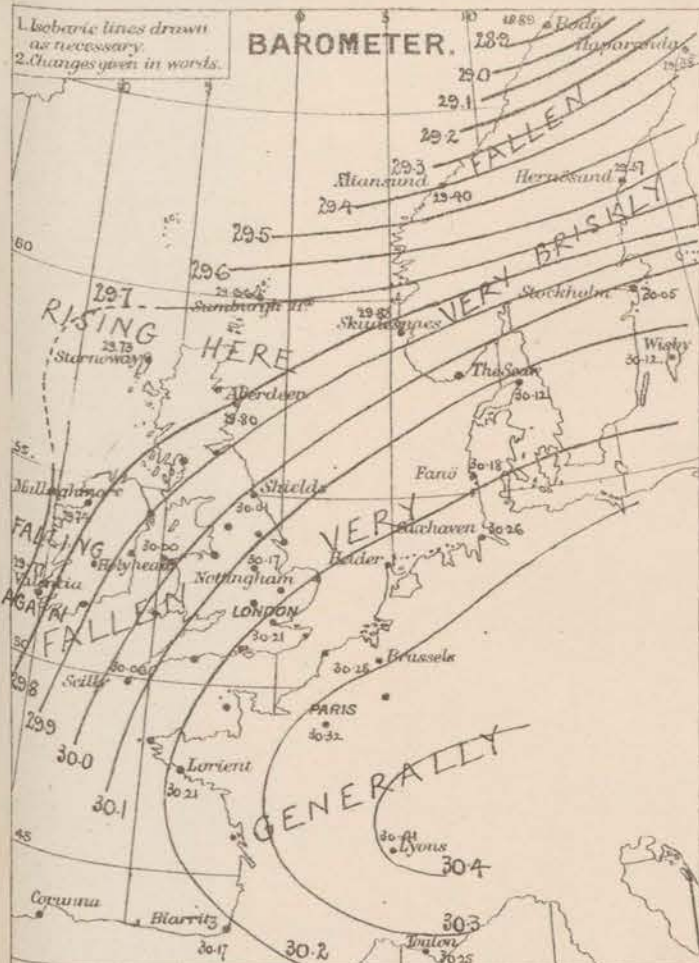
N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.



# WEATHER CHARTS for 8 a.m. on Thursday 29<sup>th</sup> Jan: 1880.

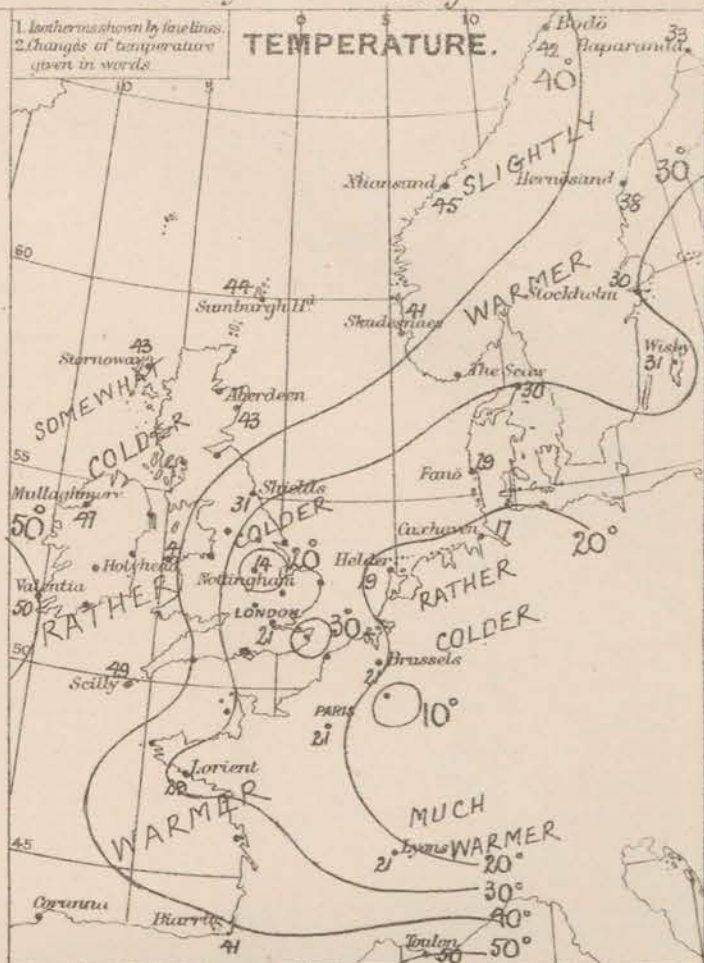
1. Isobaric lines drawn as necessary.  
2. Changes given in words.

## BAROMETER.



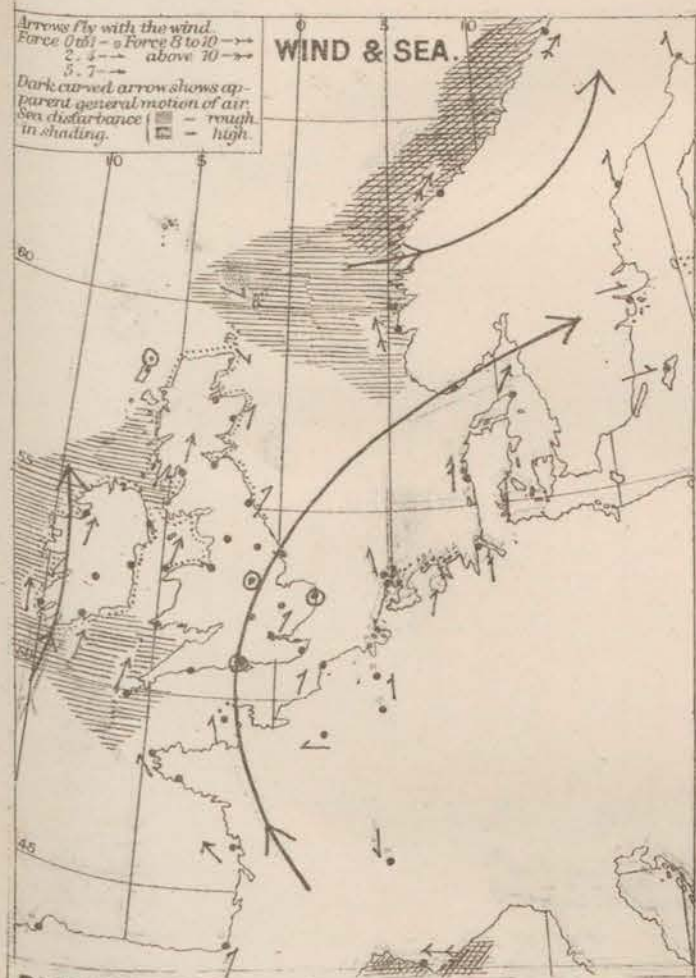
1. Isotherms shown by fine lines.  
2. Changes of temperature given in words.

## TEMPERATURE.



Arrows fly with the wind.  
Force 0 to 1 - Force 8 to 10 -  
2 - 3 - above 10 -  
5 - 7 -  
Dark curved arrow shows apparent general motion of air.  
Sea distance in shading. - rough - high

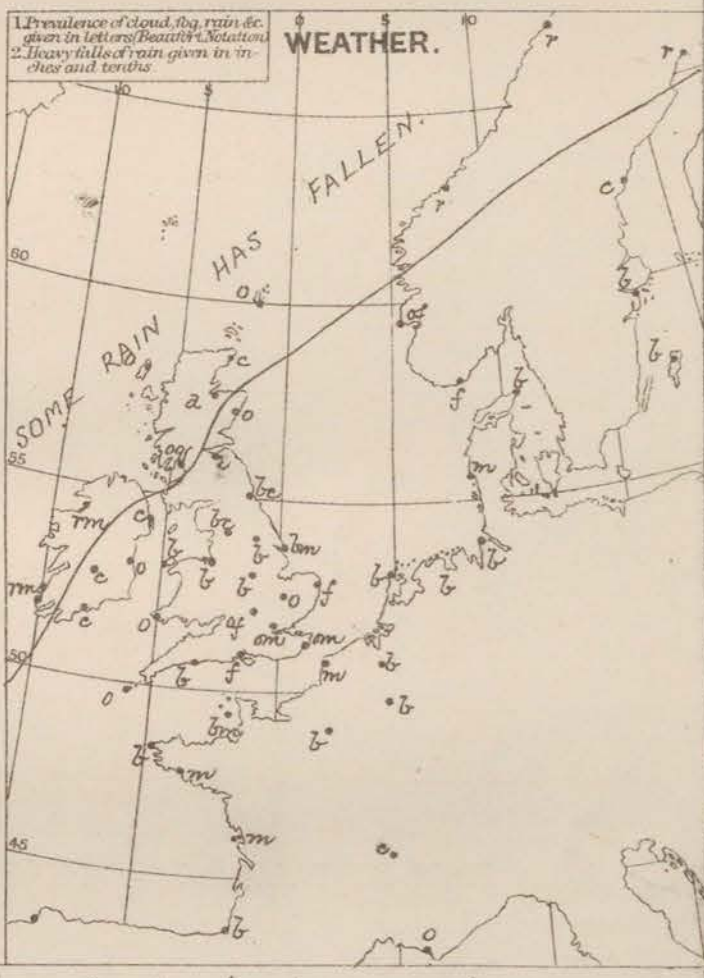
## WIND & SEA.



A dotted line is drawn where the signals are now up.

1. Prevalence of cloud, fog, rain &c. given in letters/Beaufort Notation.  
2. Heavy falls of rain given in inches and tenths.

## WEATHER.



**REMARKS.** The changes in the weather over our islands and their neighbourhoods have been very slight indeed during the past 24 hours, the morning's observations showing a continuance of the high pressure in the SE, and of low pressure off our W and N coasts. Strong SW winds and mild weather still prevail in the W and NW, with cloudy skies and some rain, and though the wind has lulled in Scotland, the thermometer there remains above 40°. Over the Midlands, E and SE counties of England we have, nevertheless, a continuance of S air, calms and fog with the thermometer varying from 14° to 21° at the island stations. The depression which lay off our NW coasts last evening has now reached the NW of Norway and proves to be of very large dimensions. The barometer is rising in the extreme NW, but in Ireland a new fall is in progress, and fresh depressions are coming on from the Atlantic. The South Sea is still up in the W, N, and NE.

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Meteorological Office,  
116, Victoria Street, Westminster, S.W.

R. H. SCOTT,  
Secretary.



# DAILY WEATHER REPORT JAN 30<sup>th</sup> 1880.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.			
Haparanda	29.47	37	SW	6	0	29.53	+ .06	27	27	- 6	SW	4	3	0	37	25	-		
Hernösand	29.77	39	S	2	0	30.07	+ .30	27	26	- 11	SSW	2	0	0	45	?	-		
Stockholm	30.06	28	WSW	4	0	30.21	+ .15	29	28	- 1	WSW	2	0	0	37	27	-		
Wisby	30.06	30	WSW	4	0	30.16	+ .10	28	26	- 3	WSW	2	0	0	34	27	-		
Bodö	29.36	35	NW	6	0	29.67	+ .31	33	33	- 6	W	6	7	0	?	30	0.08		
Christiansund	29.78	38	WSW	4	0	29.89	+ .11	35	34	- 10	ESE	3	0	0	?	27	0.32		
Skudesnaes	29.89	40	S	6	0	29.96	+ .07	41	39	0	SSE	8	5	0	41	39	0.20		
Oxö (Kilansund)	30.02	36	S	4	0	30.13	+ .11	37	36	+ 2	S	4	3	0	37	34	-		
Skagen (The Skaw)	30.10	31	SW	4	0	30.21	+ .11	31	31	+ 1	SW	3	0	0	32	19	-		
Faro																			
Cuxhaven	30.20	29	SSW	1	0	30.38	+ .18	20	20	+ 3	S	1	0	0	2	16	-		
Sumburgh Head	29.82	41	NNE	1	0	29.66	- .16	44	43	0	S	6	0	0	44	38	0.03		
Stornoway	29.75	41	E	2	0	29.38	- .37	46	46	+ 0	SSW	5	0	0	47	39	0.10		
Wick	29.79	43	SW	1	0	29.51	- .28	40	45	+ 4	SSE	4	0	0	46	40	0.09		
Nairn	29.78	41	W	0	0	29.54	- .24	48	46	+ 2	WSW	3	0	0	49	41	0.21		
Aberdeen	29.84	43	SSW	1	0	29.70	- .14	44	43	+ 1	S	7	0	0	46	41	-		
Leith	29.87	45	SW	5	0	29.75	- .12	46	43	+ 3	SW	6	0	0	48	43	0.01		
Shields	29.99	41	SW	2	0	29.94	- .05	37	37	+ 6	SW	4	0	0	48	31	-		
Spurn Head	30.09	32	S	4	0	30.09	- .00	32	31	+ 8	S	6	5	0	34	24	-		
York	30.05	34	SSE	1	0	30.05	- .00	30	30	+ 8	S	4	0	0	37	21	-		
Nottingham	30.13	31	S	1	0	30.12	- .01	30	29	+ 16	S	2	0	0	35	24	-		
Ardrossan	29.82	45	SSW	6	0	29.69	- .13	46	45	+ 1	SSW	7	0	0	46	44	0.97		
Mullaghmore	29.61	49	SSW	8	0	29.55	- .06	48	47	+ 1	SW	7	0	0	51	46	0.32		
Donaghadee	29.80	46	SSW	6	0	29.71	- .09	47	47	+ 3	SW	7	0	0	48	44	0.09		
Parsonstown	29.75	48	S	6	0	29.70	- .05	50	49	+ 1	S	5	0	0	50	44	0.31		
Holyhead	29.94	45	SSW	6	0	29.88	- .06	43	42	+ 2	SSW	6	0	0	45	40	-		
Liverpool (Bidston)	30.00	34	SE	4	0	29.94	- .06	35	34	+ 9	ESE	5	0	0	39	26	-		
Valentia	29.69	49	SSE	3	0	29.74	- .05	48	47	- 2	SW	4	0	0	53	48	1.49		
Roche's Point	29.82	48	SSW	8	0	29.78	- .04	48	48	0	SSW	8	0	0	51	46	0.78		
Pembroke	29.99	46	SSE	6	0	29.95	- .04	45	44	+ 0	SSE	6	0	0	46	41	-		
Scilly	30.02	49	S	7	0	29.97	- .05	50	49	+ 1	S	8	0	0	51	46	-		
Prawle Point	30.13	43	SE	2	0	30.08	- .05	42	41	+ 2	SSE	3	0	0	48	38	-		
Hurst Castle	30.19	35	ENE	1	0	30.17	- .02	39	39	+ 10	S	4	0	0	40	29	0.05		
Dover	30.22	36	SW	3	0	30.24	+ .02	38	36	+ 5	WSW	2	0	0	39	32	-		
London	30.20	36	SSE	1	0	30.18	- .02	39	38	+ 18	S	3	0	0	39	18	-		
Oxford	30.19	31	Z	0	0	30.16	- .03	33	32	+ 10	SE	1	0	0	34	22	-		
Cambridge	30.19	31	SW	1	0	30.17	- .02	34	32	+ 12	S	1	0	0	38	21	-		
Yarmouth	30.20	30	SSW	1	0	30.21	+ .01	34	33	+ 11	SSW	2	0	0	34	22	0.02		
The Helder						30.27	+ .06	22	21	+ 0	S	1	0	0					
Cape Gris Nez	30.24	32	S	4	0	30.24	+ .00	?	?	?	S	4	0	0	36	23	-		
Jersey	30.22	40	SSE	2	0	30.21	- .01	38	38	+ 06	SSE	3	0	0	42	32	-		
Brest	30.16	44	SSE	3	0	30.13	- .03	41	41	+ .05	SE	5	0	0	46	?	-		
Lorient	30.17	39	SSE	4	0	30.15	- .02	35	35	+ .06	SE	5	0	0	46	?	-		
Roche fort	30.21	45	S	3	0	30.22	+ .01	37	36	+ .03	SE	5	0	0	?	?	-		
Biarritz	30.17	49	E	4	0	30.18	+ .01	45	43	+ .04	ESE	4	0	0	57	37	-		
Corunna																			
Brussels						30.33	+ .05	31	31	+ 10	W	0	0	0	37	28	-		
Charleville		26	S	1	0	?	?	14	14	+ 5	S	1	0	0	36	9	-		
Paris	30.28	31	?	1	0	30.32	+ .04	29	28	+ 8	ENE	1	0	0			-		
Lyons	30.37	26	N	1	0	30.40	+ .03	19	19	- 2	NNW	1	0	0	30	17	-		
Toulon	30.30	48	E	8	0	30.31	+ .01	50	44	0	E	9	0	0	50	45	-		

## YESTERDAY'S 0.45 PM REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		Bar.	Dry.	Wet.	Wind.	Wet.	Sea.
Skudesnaes	29.88	41	39	SSE	8	0	Valentia	29.70	50	49	S	7	0
Sumburgh Head	29.76	43	40	NNW	2	0	Scilly	30.06	51	49	S	7	0
Stornoway	29.76	46	43	Z	0	0	Dover	30.22	37	36	SW	2	0
Aberdeen	29.82	45	43	SSW	1	0	London	30.22	27	?	?	0	0
Shields	29.99	37	36	SW	2	0	Yarmouth	30.20	27	26	WSW	1	0
Ardrossan	29.85	46	44	SSW	6	0	Jersey	30.22	40	37	SSE	2	0
Mullaghmore	29.72	47	46	SSW	6	0	Roche fort	30.21	53	47	SSE	4	0
Holyhead	29.99	45	45	SSW	6	0							

The barometer still falls in the W.; the S<sup>th</sup> wind is increasing in force in Wales and the N. of England, but otherwise there is no important change.

High Level stations. Have not corrected for altitude (1135 ft above MSL).

HAYES JUNCT N. | 28.70 | 30 | S | 1 | 0 | 28.79 | + .09 | 37 | 37 | + 3 | S | 14 | 0 | 0 | 42 | 32 | -

### EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; n. ugly, threatening; v. visibility, unusual transparency; w. dew.

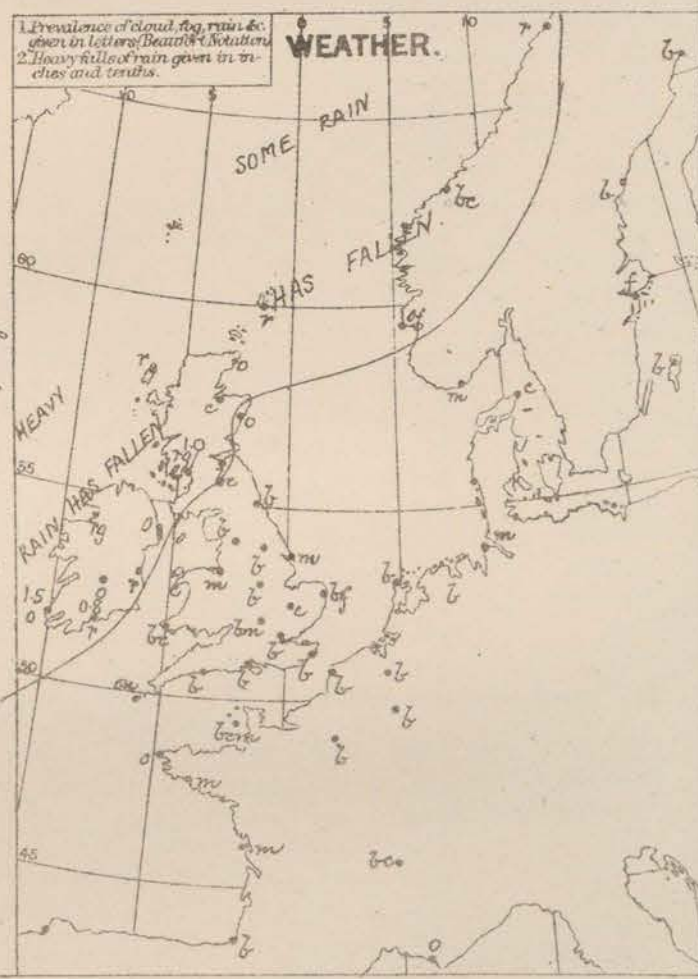
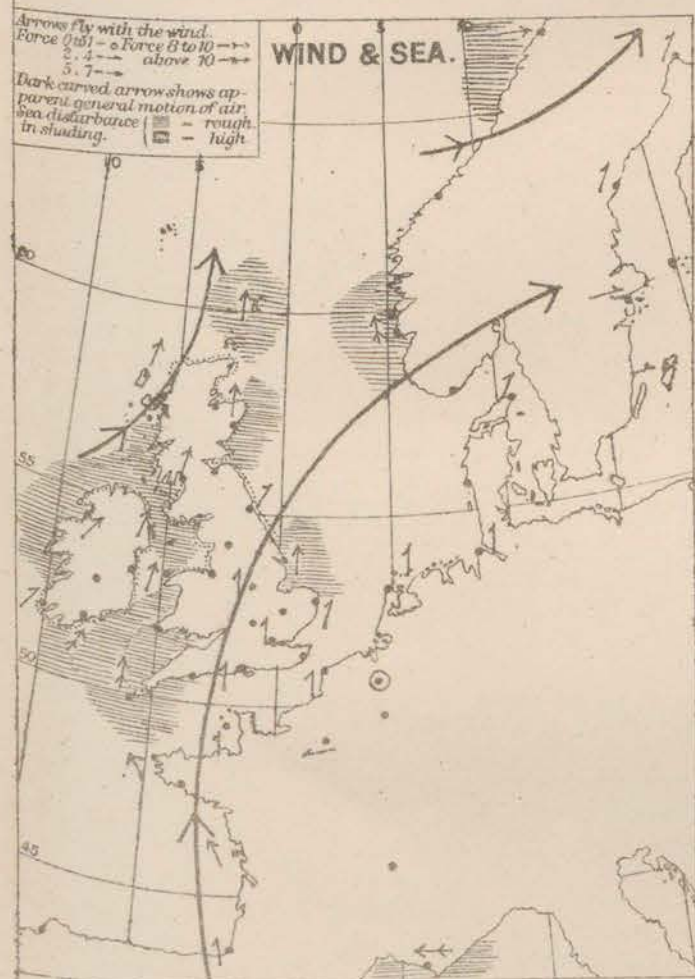
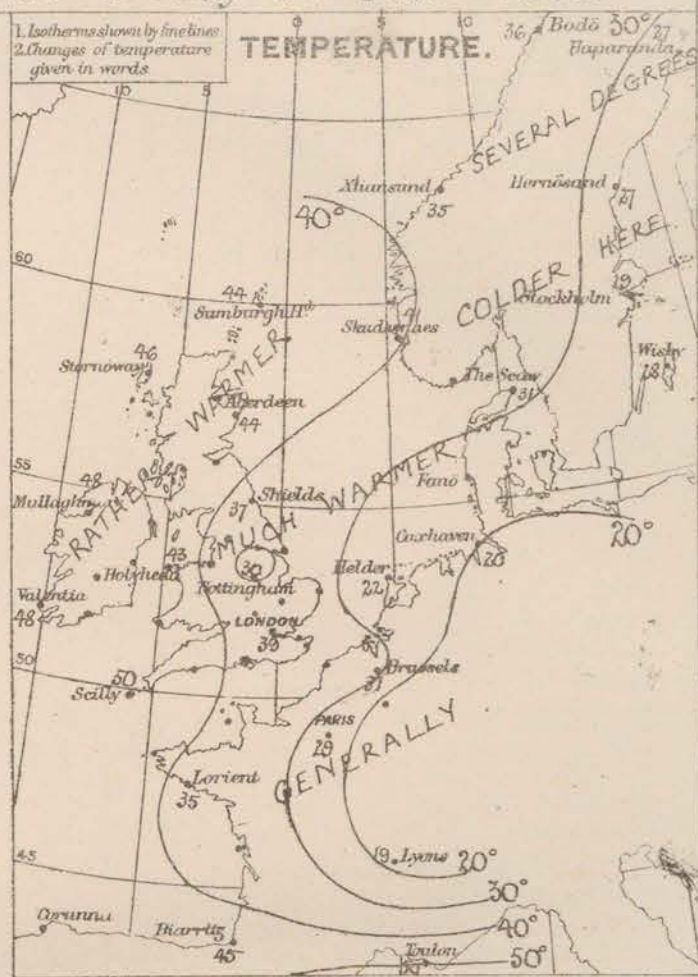
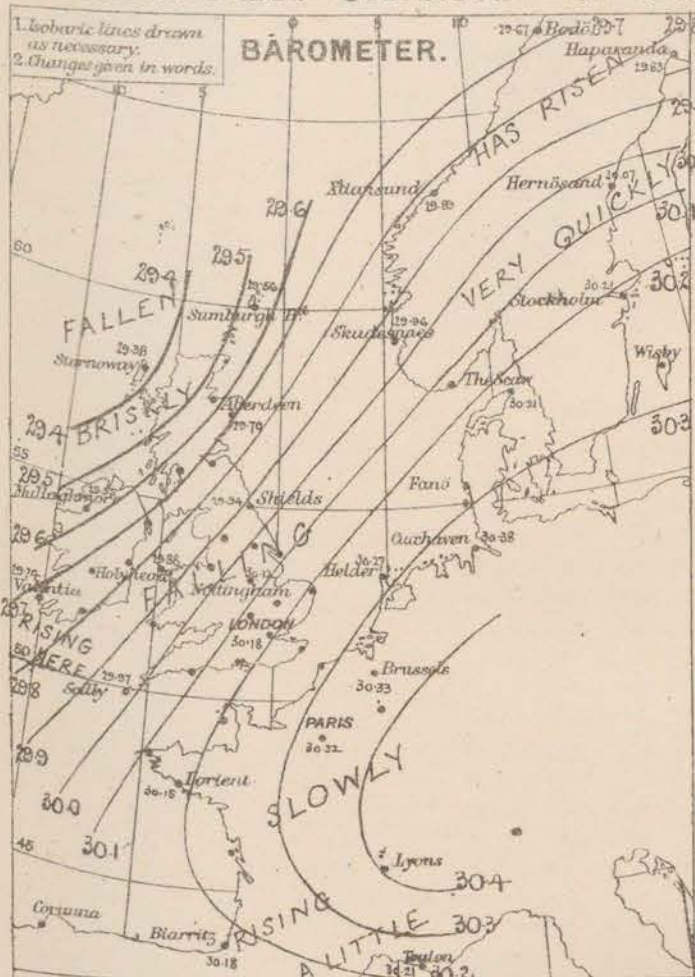
\* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

‡ E.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.



# WEATHER CHARTS for 8 a.m. on Friday 30<sup>th</sup> Jan<sup>y</sup> 1880.



**REMARKS.** The S. breezes which have prevailed in the W. and N. for several days past have at length reached our Islands and S. coasts, where the thermometer is rising rapidly, though still rather below the freezing point in some localities. The changes which have been noticed in the S. coasts of London during the past day are as follows. During yesterday afternoon the thermometer (in the shade) rose to 29°, as mist dense fog then came on, and by 6 p.m. temperature had gone down to 26°, at 10 p.m. to 24°, and during the night it reached 18° in the shade and 15° on the grass. As change thus set in and by 8 a.m. the thermometer (in the parts where the fog had cleared) had risen to 29°. In Wales, Ireland and Scotland strong S. to S.W. winds are still reported, with temperature varying from 45° to 50° and at S. the wind is blowing a fresh gale. Large quantities of rain fell in Ireland and the W. of Scotland yesterday. The sea is rough in the N. and W. smooth in the E. and S.E. The high pressure area in the S.E. is giving way, clouds on its W. side so that the gradients for S. winds are spreading more and more to the E. but hard frost still reigns over Germany, Holland and the E. of France, where in the more N. parts of France temperature is rising quickly. The South Coast is still up in the W. N. and N.E.

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Meteorological Office,  
116, Victoria Street, Westminster, S.W.

R. H. SCOTT.  
Secretary.



# DAILY WEATHER REPORT

JAN 31<sup>st</sup>

1880.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	Barometer. Reading at 32° F. and Sea Level.	SHADE TEMP.			WIND.	Weather.	Sea. (0 to 6).	SHADE TEMP.		Amount of Rainfall.				
			Dir.	Force. (0 to 12).			Dry.	Wet.	Difference from 8 a.m. yesterday.				Max.	Min.					
Haparanda	29.90	23	SW	2	b	29.82	32	32	+ 5	SW	4	b	32	21	—				
Hernösand	29.97	34	S	6	o	29.97	35	33	+ 8	SSW	2	e	36	21	—				
Stockholm	30.29	32	SW	2	b	30.22	32	32	+ 3	WSW	4	b	34	23	—				
Wisby	30.33	32	SW	2	b	30.34	32	31	+ 4	SW	3	b	36	23	—				
Bodö	29.58	34	SW	2	e	29.85	42	40	+ 6	SW	8	r	?	32	0.24				
Christiansund	29.60	45	WSW	7	o	29.73	45	40	+ 10	SW	3	b	45	30	—				
Skudesnaes	29.99	42	SSE	8	f	30.11	41	40	0	SSE	8	of	?	41	0.08				
Oxö (Kristiansund)	30.19	37	S	4	m	30.23	37	37	0	SSW	4	m	37	34	—				
Skagen (The Skaw)	30.29	32	S	5	b	30.29	36	35	+ 5	SW	4	e	36	25	—				
Fanö																			
Cuxhaven	30.43	23	S	1	b	30.46	29	29	+ 9	S	1	m	?	19	—				
Sumburgh Head	29.64	46	SW	5	b	29.80	44	42	0	SW	5	b	48	42	0.15				
Stornoway	29.59	47	WSW	6	o	29.74	46	45	0	SSW	7	o	48	44	0.94				
Wick	29.72	45	SW	3	b	29.82	44	41	— 2	SW	5	b	50	40	—				
Nairn	29.75	47	WSW	4	b	29.87	43	40	— 5	W	5	b	51	41	—				
Aberdeen	29.82	46	SSW	6	b	29.97	45	42	+ 1	S	4	b	49	43	—				
Leith	29.88	49	SW	5	b	30.03	47	45	+ 1	SW	4	b	50	45	—				
Shields	30.00	47	WSW	4	om	30.17	40	40	+ 3	SW	3	b	49	37	—				
Spurn Head	30.44	38	S	4	b	30.27	35	34	+ 3	S	4	b	42	31	—				
York	30.11	41	S	3	b	30.25	38	37	+ 8	S	3	b	45	29	—				
Nottingham	30.17	40	S	3	b	30.32	33	32	+ 3	L	0	b	47	30	—				
Ardrossan	29.87	46	SSW	5	b	30.05	44	43	— 2	SSW	4	o	47	44	0.03				
Mullaghmore	29.85	46	SW	4	e	29.95	46	44	— 2	SW	8	cu	51	43	—				
Donaghadee	29.93	46	S	3	o	30.08	42	42	— 5	WSW	3	b	48	41	0.03				
Parsonstown	29.92	47	SSE	1	o	30.09	44	44	— 6	SSE	1	o	50	38	0.08				
Holyhead	30.00	46	SSW	5	m	30.16	46	46	+ 3	SSW	3	f	48	40	0.02				
Liverpool (Bidston)	30.07	43	SSE	3	o	30.19	41	39	+ 6	SE	3	o	44	35	—				
Valentia	29.93	49	SSW	4	e	30.00	49	47	+ 1	SSW	5	o	53	46	0.04				
Roche's Point	29.98	45	SSW	2	f	30.12	46	44	— 2	SSW	3	b	50	45	0.18				
Pembroke	30.04	46	SSE	6	o	30.20	46	46	+ 1	S	5	om	46	45	—				
Scilly	30.05	50	SSW	8	o	30.21	49	49	— 1	S	6	b	51	48	0.01				
Prawle Point	30.17	45	SSE	3	m	30.29	45	44	+ 3	SSE	1	b	48	41	—				
Hurst Castle	30.22	41	SSE	4	bm	30.33	40	40	+ 1	SSE	4	b	46	36	0.01				
Dover	30.28	48	WSW	2	b	30.39	34	33	— 4	L	0	b	44	33	—				
London	30.27	41	SSW	2	b	30.35	31	31	— 8	L	0	b	52	28	—				
Oxford	30.21	41	S	1	b	30.34	35	34	+ 2	W	1	of	48	33	—				
Cambridge	30.23	38	S	1	b	30.33	30	30	— 4	ENE	1	b	48	28	—				
Yarmouth	30.24	37	SSW	2	b	30.35	36	35	+ 2	SSW	2	bf	40	33	—				
The Helder	*	*	*	*	*	30.39	30	30	+ 8	S	1	b	*	*	*				
Cape Gris Nez	30.27	44	S	1	b	30.37	41	38	?	S	1	b	52	37	—				
Jersey	30.26	45	SE	2	bm	30.38	39	38	+ 1	ENE	1	bm	46	38	0.01				
Brest	30.17	45	S	5	b	30.32	41	40	0	ESE	3	b	46	39	—				
Lorient	30.21	40	S	5	m	30.30	37	35	+ 2	SE	4	m	46	34	—				
Roche fort	30.25	50	SSE	4	b	30.31	37	35	0	SE	4	m	57	32	—				
Biarritz	30.17	36	ESE	4	b	30.24	47	42	+ 2	SSE	5	b	61	36	—				
Corunna	*	*	*	*	*		*	*					*	*	*				
Brussels	*	*	*	*	*	30.39	29	29	— 2	S	1	b	49	?	—				
Charleville	?	28	S	1	b	?	13	?	— 1	S	4	m	?	?	—				
Paris	30.33	32	L	0	b	30.41	29	29	0	NE	1	b	*	*	—				
Lyons	30.37	28	ENE	1	r	30.46	17	17	— 2	NNE	1	r	38	?	—				
Toulon	?	49	?	8	e	30.34	50	43	0	E	5	b	52	46	—				

## YESTERDAY'S 045 PM REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.	
Skudesnaes ...	29.98	41	39	SSE	9	of	Valentia ...	29.84	51	49	WSW	2	e	3
Sumburgh Head	29.48	45	44	S	7	r	Scilly ...	30.01	51	50	S	8	om	6
Stornoway ...	29.48	47	46	SSW	8	b	Dover ...	30.25	41	39	W	2	b	2
Aberdeen ...	29.68	47	44	S	8	e	London ...	30.22	48	46	S	2	b	0
Shields ...	29.94	39	39	SE	1	e	Yarmouth ...	30.19	39	38	S	3	bf	3
Ardrossan ...	29.76	47	46	SSW	7	og	Jersey ...	30.23	43	43	SE	2	bf	2
Mullaghmore ...							Roche fort ...	30.23	51	48	SSE	5	m	2
Holyhead ...	29.93	46	45	SSW	7	m								

The depressions in the W. and N. are travelling away to the N.W., the barometer is rising except in the N., and the wind at Valentia has veered to W. and fallen light with fine weather. In London temperature is 30° higher than it was early this morning.

High Level station Bar. not corrected for altitude (1135 ft above MSL)

HAWES JUNCTN. 28.78 | 42 | SSW | 3 | T | 28.89 | + 10 | 44 | 43 | + 7 | SW | 3 | 10 | 45 | 39 | 0.05

## EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (haze); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

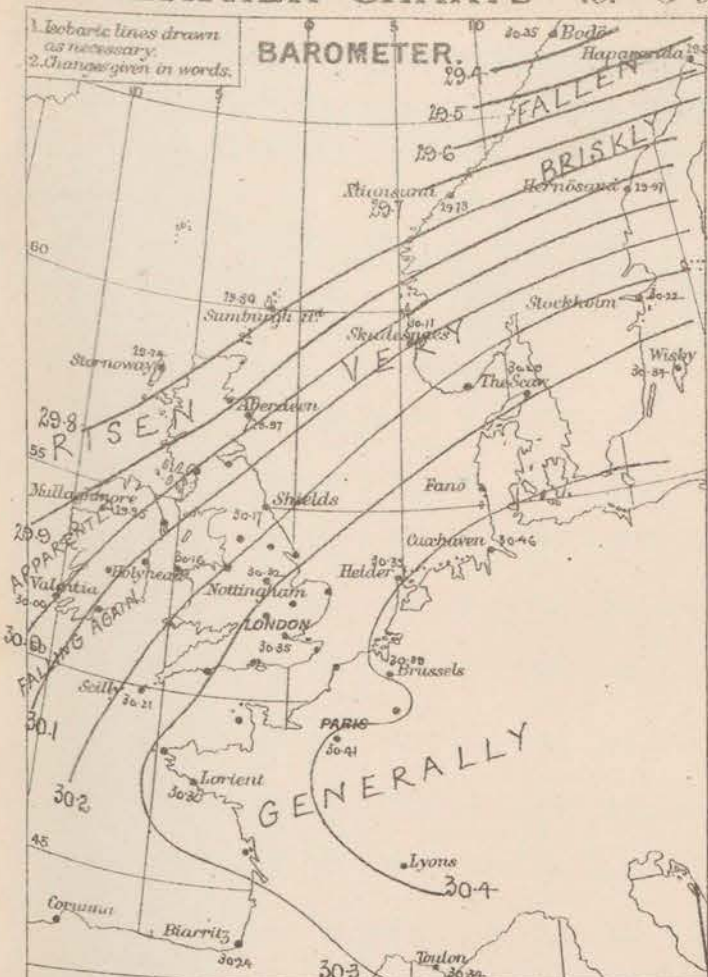
\* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.



# WEATHER CHARTS for 8 a.m. on Saturday 31<sup>st</sup> Jan<sup>y</sup> 1880.





CORRECTIONS AND ADDITIONS TO THE REPORTS FOR JAN<sup>y</sup> 1880

## 1. REPORTS RECEIVED TOO LATE FOR INSERTION DAILY.

DATE	STATIONS.	+ YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS			DATE.
		Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
				Direc.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 12).			Max.	Min.			
1 <sup>st</sup>	Pembroke.....	29.71	51	WSW	8	m	29.87	+21	51	51	+2	WSW	8	0	7	51	49	0.15		
	Brest.....	30.15	50	NNW	7	0	30.27	+12	50	50	0	W	5	0	7	50	48	0.08		
	Lyon.....	30.41	37	E	1	0	30.43	+02	37	37	+5	N	1	1	*	46	35	0.04		
	Toulon.....	30.20	46	NW	8	b	30.24	-10	47	41	+6	NW	8	6c	7	52	41	-	1 <sup>st</sup>	
2 <sup>nd</sup>	Lyon.....	30.49	38	SE	1	f	30.54	+11	36	36	-1	NNW	1	f	*	41	35	0.08	3 <sup>rd</sup>	
	Toulon.....	30.28	47	E	3	b	30.37	+13	45	42	-2	W	0	b	5	52	43	-	5 <sup>th</sup>	
3 <sup>rd</sup>	Lorient.....	30.43	47	NNW	3	m	30.55	+20	38	37	-10	ENE	1	b	4	50	37	-	6 <sup>th</sup>	
5 <sup>th</sup>	Corunna.....	*	*	*	*	*	30.45	?	44	*	?	N	?	b	1	*	*	*	7 <sup>th</sup>	
6 <sup>th</sup>	Pembroke.....	30.37	47	SSE	3	0	30.48	+13	46	46	-1	SSE	2	0	3	47	45	0.17	8 <sup>th</sup>	
9 <sup>th</sup>	Lyon.....	30.58	27	ENE	1	0	29.55	-06	27	26	+1	N	1	0	*	28	26	-	10 <sup>th</sup>	
13 <sup>th</sup>	Corunna.....	*	*	*	*	*	30.42	?	50	*	?	NE	2	b	1	*	*	*	11 <sup>th</sup>	
14 <sup>th</sup>	Corunna.....	*	*	*	*	*	30.32	-10	39	*	-11	W	0	b	2	*	*	*		
	Lyon.....	30.54	?	NNE	1	0	30.38	-25	23	23	0	SSW	1	f	*	29	22	-	15 <sup>th</sup>	
15 <sup>th</sup>	Corunna.....	*	*	*	*	*	30.41	+09	36	*	-3	E	2	m	2	*	*	*		
16 <sup>th</sup>	Toulon.....	29.96	?	NW	8	b	?	?	36	?	-1	?	?	b	5	?	?	?	23 <sup>rd</sup>	
17 <sup>th</sup>	Corunna.....	*	*	*	*	*	30.15	?	45	*	?	?	?	c	2	*	*	*	25 <sup>th</sup>	
19 <sup>th</sup>	Corunna.....	*	*	*	*	*	29.88	+01	61	*	+12	W	2	cpf	2	*	*	*		
20 <sup>th</sup>	Corunna.....	*	*	*	*	*	30.43	+55	34	*	-17	NE	2	c	2	*	*	*	26 <sup>th</sup>	
21 <sup>st</sup>	Donaghadee.....	30.64	27	W	2	b	30.67	+04	24	23	-4	W	2	b	1	36	22	-	28 <sup>th</sup>	
	Corunna.....	*	*	*	*	*	30.14	-29	51	*	+17	NE	2	c	2	*	*	*		
22 <sup>nd</sup>	Sanse.....	30.20	35	W	2	0	29.98	-50	36	35	+9	W	2	0	*	36	27	0.04	30 <sup>th</sup>	
	Corunna.....	*	*	*	*	*	30.03	-11	49	*	-2	W	0	c	2	*	*	*		
23 <sup>rd</sup>	Corunna.....	*	*	*	*	*	30.21	+18	34	*	-15	E	?	b	2	*	*	*	31 <sup>st</sup>	
24 <sup>th</sup>	Corunna.....	*	*	*	*	*	30.14	-07	40	*	+6	?	?	b	1	*	*	*		
26 <sup>th</sup>	Corunna.....	*	*	*	*	*	29.96	00	42	*	-3	NE	2	c	5	*	*	*		
27 <sup>th</sup>	Corunna.....	*	*	*	*	*	30.14	+18	41	*	-1	NE	2	b	5	*	*	*		
28 <sup>th</sup>	Corunna.....	*	*	*	*	*	30.20	+06	39	*	-2	E	2	b	1	*	*	*		
29 <sup>th</sup>	Corunna.....	*	*	*	*	*	30.15	-05	62	*	+23	N	2	c	1	*	*	*		
30 <sup>th</sup>	Corunna.....	*	*	*	*	*	30.49	+34	39	*	-23	S	2	c	1	*	*	*		
	Mullaghmore 2pm	-	-	-	-	-	29.72	-	50	47	-	SW	6	ber	4	-	-	-		
31 <sup>st</sup>	Corunna.....	*	*	*	*	*	30.17	+32	48	*	+9	SE	1	c	2	*	*	*		



1. REPORTS RECEIVED TOO LATE FOR INSERTION DAILY—(continued.)

[illegible]